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F. H. EBELING
SYRACUSE, N. Y.



SEEDS, HARDWARE, IMPLEMENTS. 38th Annual Catalogue.

PRICE LIST

RAFFIA, REED AND SWEET GRASS.

REED.

No. 00 Reed.....	per lb.	\$1.50	per oz.	15c
1 "	"	1.00	"	10c
2 "	"	1.00	"	10c
3 "	"	1.00	"	10c
4 "	"	.75	"	10c
5 "	"	.75	"	10c

RAFFIA.

Natural.....	per lb.	.25	per oz.	5c
Colored—in 8 shades	"	.75	"	10c
SWEET GRASS....	"	\$2 50	"	20c

Books of instruction on Raffia work and Basketry Illustrated mailed on receipt of 40c.

Mail and Express Orders given Prompt Attention.

BOOKS--IT PAYS TO READ--BOOKS.

Can furnish promptly any book needed for the Farm, Garden, Lawn, Greenhouse, etc. We will send any of these books, postpaid, to any address upon receipt of prices annexed.

Alfalfa, and How To Grow It—By F. D. Coburn. 60c.

Asparagus Culture—50 cents.

Beet Sugar Culture—50 cents.

Gregory on Cabbages—40 cents.

Cauliflowers and How to Grow Them—By Francis Brill. 30 cents.

Celery Culture—By J. C. Vaughan. 50 cents

How to Grow Chicks—By T. F. McGrew. 30c.

A practical treatise on growing and raising chicks for fancy or market purposes.

Dairy for Profit—Illustrated. 40 cents.

Concerning Lawn Planting—35 cents.

Feathered Pets—Complete Book on Birds. 40 cents.

The Practical Fruit Grower—Cloth, 50 cents

Insects and Insecticides—By Prof. C. M.

Weed. \$1.50

Maple Sugar and Sugar Bush—By Prof. A.

J. Cook. Profusely Illustrated. 40 cents

Mushroom Culture—By Wm. Falconer. 1.00

Gregory on Onion Raising—What kind to raise and how to raise them. 30 cents.

A B C Potato Culture—35 cents.

Five Hundred Questions and Answers in Poultry Raising—35 cents.

Raffia and Basketry work Illustrated. 40c.

Strawberry Culture—35 cents.

Strawberry Culturist—By Andrew S. Fuller.

Containing all information necessary to enable everybody to raise their own strawberries. Fully illustrated. 5x7 inches. Flexible cloth, 30c.

Silos, Ensilage and Silage—Cloth, 50 cents.

Tomato Culture—135 pp., illustrated. 40c.

Our Farm of Four Acres and the Money we made by It—Paper cover, 12 mo. 40c.

How to Plant and What to Do With the Crops—60 cents.

Vegetables Under Glass—By A. Dreer. 35c.

USEFUL TABLES.

Of Plants per Acre at the following distances apart.

1 ft. by 1	1 ft. by 1	43,560	6 ft by 6	1,210
1 1/2 " 1 1/2	1 1/2 ft. 19,360	8	8 ft. 680	
2 " 2	1 ft. 21,780	9	9 ft. 537	
2 1/2 " 2 1/2	2 ft. 10,898	10	10 ft. 435	
3 " 3	1 ft. 6,969	12	12 ft. 302	
3 1/2 " 3 1/2	1 ft. 14,520	15	15 ft. 193	
4 " 4	2 ft. 7,260	18	18 ft. 134	
4 1/2 " 4 1/2	3 ft. 4,840	20	20 ft. 103	
5 " 5	4 ft. 2,722	25	25 ft. 70	
	5 ft. 1,742	30	30 ft. 48	

Number of Plants Produced from 1 oz. of Seed.

Plants	Plants
Asparagus about 500	Kale . . . about 2,000
Broccoli " 2,100	Leek . . . " 1,010
Cabbage " 3,000	Lettuce " 3,000
Cauliflower " 4,000	Pepper " 2,000
Celery " 4,000	Sage " 1,000
Egg Plant " 1,000	Tomato " 3,000
Endive " 3,000	Thyme " 5,000

SEED SOWN PER ACRE.

Seed Sown per Acre.	Wt. per bu	Seed Sown per Acre.	Wt. per bu	Seed Sown per Acre.	Wt. per bu
Timothy, 1/4 to 1/2 bu	44 lbs	Millet, 1/2 to 3/4 bu	50 lbs	Peas, 2 1/2 bu	60 lbs
Lucerne, or Alfalfa, 30 lbs	60 lbs	Hungarian, 1/2 to 3/4 bu	48 lbs	Beans, 1 to 1 1/2 bu	62 lbs
Clover, Red, 10 to 15 lbs	60 lbs	Wheat, 2 bu	60 lbs	Pumpkin Seed, 2 qt	27 lbs
Clover, Alsike, 5 to 10 lbs	60 lbs	Buckwheat, 3/4 to 1 bu	48 to 50 lbs	Turnip, 1 lb	
Clover, Crimson, 15 lbs	60 lbs	Rye, 1 to 2 bu	56 lbs	Spinach, 8 lbs	42 lbs
Cow Peas, 60 lbs	60 lbs	Oats, 2 to 3 bu	32 lbs	Beet, 4 to 6 lbs	
Red Top, 2 to 2 1/2 bu	14 lbs	Oats, Winter, 1 1/4 bu	32 lbs	Squash, 2 1/2 lbs per acre	
Blue Grass, 2 bu	4 lbs	Barley, 2 bu	48 lbs	Parsnips, 4 to 5 lbs	
Orchard Grass, 2 bu	14 lbs	Flax Seed, 1 bu	56 lbs	Cabbage, 1/4 lb	
Yellow Sand Clover, 15 lbs	60 lbs	Corn, 1/4 bu	56 to 60 lbs	Cucumber, 1 lb	
White Clover, 6 to 10 lbs	60 lbs	Potatoes, 6 bu	62 lbs	Carrot, 2 1/2 to 3 lbs	20 lbs
Sweet Vernal, 1 to 1 1/2 bu	10 lbs	Sweet Corn, 1/4 bu	about 45 lbs	Onion, 5 to 6 lbs	56 lbs

NON-WARRANTY.—F. H. Ebeling gives no Warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

TO THE PUBLIC.

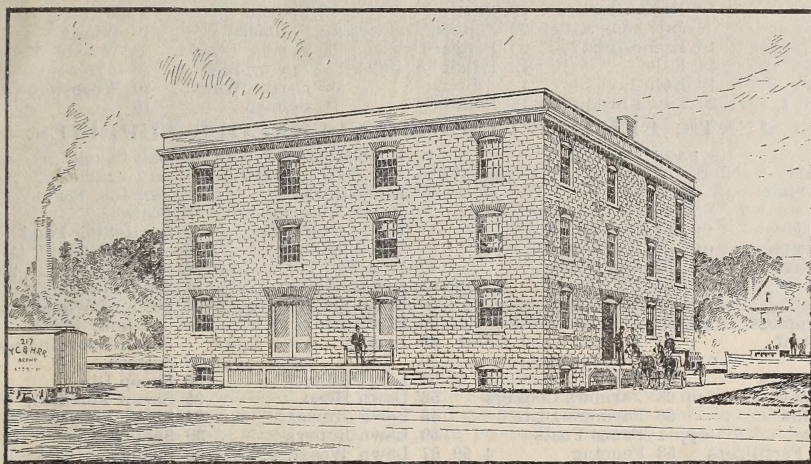
IN PRESENTING our Annual Catalogue we feel that a brief reference to our business will not be out of the way. This House has been located in the same building for nearly forty years, having been established by Mr. A. D. Perry, the pioneer seedsman of this city, in 1868. We are importers of the best Flower and Garden Seeds, Bulbs, etc., and dealing as well in the more common varieties of seeds used on the garden and farm; also Implements, Drain Tile, Hardware, etc. To better care for our increasing trade we are erecting a large warehouse at the corner of Canal and Lemon streets, with a branch of the New York Central and West Shore railroads directly in front of the building, and the Erie canal at the rear. This gives us ample shipping facilities and enables us to handle car lots of Seeds, Implements, etc., with greater economy and dispatch.

We wish to thank all who have contributed to our welfare and greatly appreciate their loyalty and generous patronage.

Yours Respectfully,

JANUARY 1, 1906.

F. H. EBELING, SEEDS AND HARDWARE.



F. H. EBELING, SEED WAREHOUSE.

ON CANAL STREET.

RETAIL STORE, 217 WARREN STREET.

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"A FIELD OF IOWA GOLD MINE ENSILAGE CORN."

A field of 22 acres of our celebrated Iowa Gold Mine Ensilage Corn grown on the farm of Mr. A. L. Brockway, who said it was as "level as a floor" and the finest crop ever known in that section. Has a very small cob and a very large kernel. Its grain producing capacity is nearly double that of Leaming or Pride of the North.



IOWA GOLD MINE ENSILAGE CORN.

This magnificent variety of corn grew 14 feet high and ripened fully on the farm of Edward Naughton, near Jamesville, this season. It has the largest kernel and smallest cob of any Ensilage Corn known. The grain value of this wonderful variety is about double that of the Leaming or Pride of the North with their immense cobs and small kernels. It is everything that the Pride of the North and Leaming can possibly be, with the great grain producing quality added. There you have it in a nut-shell. It is the biggest milk and money producer on the American continent. We have decided to offer it this season on the ear also, as many of our farmers have

expressed a desire for it. Sample ears on application. Price \$1.50 per bushel. Read what Mr. Naughton says:

The Iowa Gold Mine Corn I got of you was the best I ever planted. I had such a big crop that only half was needed for ensilage and the rest allowed to ripen and produced a big crop of very fine ears. This corn has a little cob and big kernels which makes it especially valuable. It is the best thing in the corn line I know of.

Edward Naughton, Jamesville, N. Y. R. F. D. Syracuse, N. Y., January 17, 1906.

F. H. Ebeling, Dear Sir.

I am very glad to say a good word for the Iowa Gold Mine Seed Corn, which I bought of you last year. I tested the seed before planting and all of the kernels, which I tried sprouted. I never had as good a piece of ensilage corn on my farm as this piece was. The photograph shows very clearly what a splendid piece of corn it was. Almost every stalk had one or two ears and these ears were large and full and with a very small cob. This corn was planted by June 3d, and when we cut the same, the latter part of September, the ears had matured nicely. This ability to mature in this climate, before our heavy frosts, seems to me a very desirable quality. In conclusion, I would say that I found that the seed ran very uniform in the bags as we bought it of you.

Yours very truly,

A. L. BROCKWAY.



BEARDLESS BARLEY.

BEARDLESS BARLEY.

This is a fine yielder, with a strong growth of straw. A barley without the objectionable beards, which gives it a superior feeding value. These features combine to make it the best and most profitable Barley known. Beardless Barley was introduced by us several years ago, and has proved to be very popular. Price \$1.25 per bu.

NEW ZEALAND OATS.

This is another fine variety recently introduced in Central New York. Mr. William Everingham, of East Onondaga, N. Y., sowed one acre and nine rods with two and one-half bushels of New Zealand Oats, and produced 94 12-34 bushels. This on a basis of 32 pounds to the bushel would make nearly 100 bushels. This bears out somewhat what has been said about them regarding the yield. We will know more about them another season. The Oats are a beautiful silvery white, with a wonderfully stiff straw, able to withstand severe winds, which is an important feature in our section. These Oats have been reported as yielding 150 bushels to the acre, which we are inclined to think is too large an estimate. Mr. Everingham, who is a well known farmer, can verify anything we say in regard to them. Only a small quantity to offer this season.

SMUT FORMULA FOR OATS.

One pint Formalin to 40 quarts water. Wet 12 bushels with this solution, mix thoroughly by shoveling, then pile in a heap, cover up well with blankets for 12 hours. It will then form a gas and destroy the smut germs, after which spread and dry.

SWEDISH OATS.

This magnificent variety was selected from among 36 kinds. The seed stock originally came from Sweden, from there into Russia and then in turn imported into this country. See page 6 for full particulars.

WAVERLY OATS.

We again offer these famous oats, which originated in Scotland, imported into Canada, and from there imported to us. These have proven to be the grandest variety in the way of oats that we have ever introduced. See page 21 for full particulars.

SPECIAL ANNOUNCEMENT.**INCUBATORS, BROODERS, POULTRY SUPPLIES.**

Never before in the history of Poultry Raising has so much capital been invested, such high prices for eggs and poultry, or such a demand; and never before such reasonable prices for Incubators and Brooders. They are now within the reach of all. We are agents for the celebrated Cyphers line of Incubators, Brooders and Poultry Supplies. The 1906 model shows many improvements and is absolutely the acme of perfection, while the quality and high grade is maintained. Those keeping fowls, or who expect going into the raising of poultry, will find it profitable to buy of us. We can furnish everything from a Nest Egg to an Incubator.

See pages 64, 65, 66, 67, 68 and inside back cover for further particulars.

BOWKER'S CELEBRATED FERTILIZERS.

Our farmers who use Fertilizers will find it to their interest to place their orders with us. We have sold this Fertilizer for some thirty years, and they are equal or superior to any on the market. See page 53.

AMERICAN STEEL FENCING AND CORN CRIBBING.

Prices are low for this famous Fencing. We will make special discounts to induce early buyers. Have about four car loads of this Fencing on hand and can supply all the leading sizes. See page 59. Also Corn Cribbing. Something new and practical. See page 55.

For M. M. S. Poultry Fencing, the best of all, see page 67.

BLATCHFORD'S CALF MEAL.

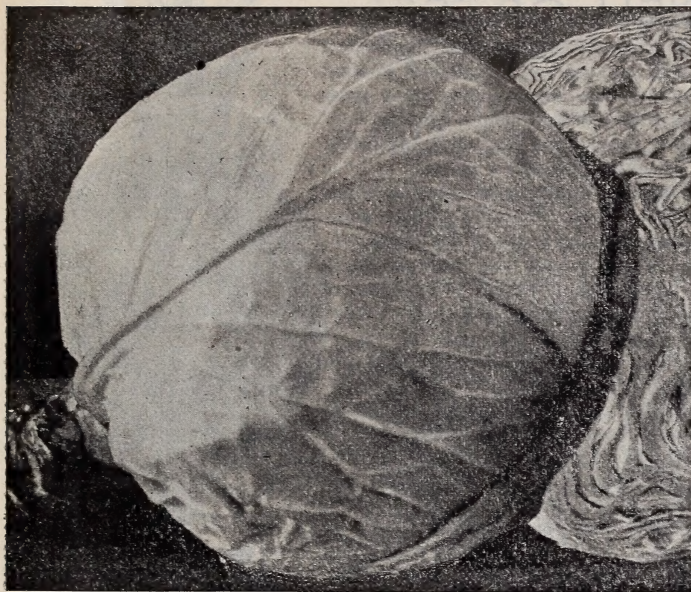
The milk substitute. Blatchford's Calf Meal is for calves what Mellin's Food is for babies. Raises the finest calves at about one-half the cost of milk.

100 pound bag (makes 100 gallons of rich, nutritious gruel).....	\$3.50
50 ".....	2.00
25 ".....	1.00

Try it and sell the milk. For sale here. See page 55.

FARMING IMPLEMENTS.

Would call particular attention to this department of our business. Can supply everything in this line at reasonable prices. If you need a Corn Binder, Reaper, Mower, Grain Binder, Roller, Harrow, Riding Cultivator, 5 or 7-tooth Cultivator, Potato Planter, Horse-Corn Planter, including a Check-Rower attachment, Spraying Tools, Plows, or any of the things necessary to work a farm with, call and see us. Can furnish Catalogue with full particulars. If you wish will send special agent to see you. We represent the leading manufacturers in this line.



Houser Cabbage. From photo, showing shape and solidity of head.

By reason of the compact habit of growth and its freedom from loose leaves, fully 500 to 800 more heads can be set out to the acre than of any other good-sized variety. Fully 95 per cent of these plants, in an ordinary season, will make good, merchantable heads. 35c oz; \$4.00 lb.

PREMO SWEET CORN.

The earliest and best Sweet Corn in existence. A genuine Sweet Corn as early as the Adams Extra-early and larger than any other early variety. It is pronounced the most valuable early variety ever introduced. Market gardeners will make no mistake in planting this Corn for a market crop; it is past the experimental period. The stalks grow about five feet high, and are very vigorous, generally bearing two well-developed ears to a stalk. These ears measure 1 to 2 inches longer than those of Cory or Adams.

VOLGA CABBAGE.

This new variety of cabbage originated as its name would indicate in Russia, and was introduced here ten years ago from a trial package selected from some thirty varieties. The Volga was the only one among them all that stood the test and held to its original true type. After these years of careful selection this cabbage was first introduced in 1892 by one of the foremost and best known reliable cabbage growers in the United States. IN SHAPE it is midway between the Danish Ball Head and the ordinary Flat Dutch but partaking more of the character of the former. UNIFORMITY and SOLIDITY OF HEAD. In this respect it is a vegetable wonder, as the heads are of about equal size and shape, weighing from 12 to 15 pounds each. \$3.00 per lb.

CHALK'S EARLY JEWEL TOMATO.

This tomato was first introduced in 1898 and has proved to be a very profitable tomato, especially to the market gardener. So much has been said regarding this that we merely give a brief outline of it. It is a handsome, large red, second early, ripening very evenly to the stem with very few seeds. Its productiveness is simply enormous having produced as many as 1 1-2 bushels to the plant. It is a comparatively early variety and will bear ripe fruit until frost, keeping its size up well until the last picking; uniformly adapted to all sections of the country. It commands a ready sale wherever shown. Have only a limited quantity to offer.

Price per oz. 40c.

Price per lb. \$3.50.

The HOUSER CABBAGE.

The largest hard-heading, fine grained, smallest-hearted cabbage known. A cabbage which has weight and size. Reasons why the Houser is more profitable than any other late cabbage: It is the latest cabbage, being two weeks later than any strain of the Flat Dutch type.

In solidity it cannot be excelled, not even by the Danish Ballhead.

It is as large as any late cabbage grown, heads averaging 12 to 14 pounds, and some much larger.

It never cracks on the top or side of the head.

It is the smallest-hearted and finest-grained cabbage known, as shown in the illustration.



SWEDISH OATS.

This grand white branch variety is new, heaviest, thinnest hull stiffest straw, best of thirty-six varieties; weight 36 to 40 pounds measured bushel. Under unfavorable circumstances they have yielded 82 bushels, weighing 37 pounds per bushel. A small field of 2 acres yielded 227 bushels. Straw 4 to 5 feet tall, many heads 8 to 11 inches, do not rust, stand up well, plump meats.

The Swedish Select Oats seem especially adapted to high, well drained land, and the best known returns are from clay-loam soils. The great root development is one of the characteristics of the Swedish Oats which enables the plant to resist drought better than any other variety tested. The straw is coarse and is noted for its stiffness and power to withstand lodging.

The following are some of the reasons why Swedish Oats are "the best."

First—They outyield all others. Nearly everyone who tries them testifies to this. We have seen them just double such a standard variety as Mich. Wonder in the same field.

Second—They are of the heaviest, 36 to 40 pounds per measured bushel.

Third—Stiffness of the straw. "The straw is coarse and is noted for its stiffness and power to withstand lodging."

Fourth—Fine appearance. They are pure white in color, large, thick and plump. The heads are large, upright and bushy. They are not a side oat.

Fifth—Thinness of hull. They are nearly all meat. This is what makes them valuable as a feeding oat.

Sixth—Great root development. "This is characteristic of the Swedish Oats, which enables them to resist drought better than any other variety tested."

Seventh—Adaptability. The best success is on clay soils, but they have been sown on all soils, including sand, and are most satisfactory everywhere.

Eighth—Earliness. They are the earliest of all large, heavy yielding oats.

Ninth—Freedom from rust and smut. There is no smut in our stock and the Swedish are less liable to smut and rust than most any other oat.

Tenth—New Blood. Get the new, st and best while you are at it. Price \$1.25 per bu. while they last.



SWEDISH



CANADA CLUSTER OATS.

Canada Cluster Oats. A fine acquisition to the Oat family and one of the best. Yielded 80 to 90 bu. last season in this county. Straw exceptionally thick, strong and heavily jointed. A vigorous grower, stands up remarkably well under unfavorable conditions like last summer. Weighs 35 to 40 lbs. Read what some good farmers have to say about "Canada Cluster Oats."

Gentlemen:

Jamesville, N. Y., Jan. 11, 1906.

I hereby submit a report of the yield of Canada Cluster Oats from the seed bought of you last spring. From three acres of ground I threshed 228 bushel measures from the machine, the oats weighing 39 lbs. per bushel. All I regret is that I did not sow all that kind of seed even at \$2.50 per bushel.

Very truly,

D. J. Carey.

Dear Sir:

Fayetteville, N. Y., Jan. 15, 1906.

I hereby submit a report of the yielding of Canada Cluster Oats from the seed bought of you last spring. From 10 bushels of seed sown in four acres of ground I received 80 bushel by measure which weigh 39 lbs. per bushel.

Yours respectfully,

Frank Costello.

Dear Sirs:

Manlius, N. Y., Jan. 16, 1906.

I am very much pleased with the Canada Cluster Oats bought of you last spring. From the 20 bushel of seed sown on 10 acres of ground we threshed 750 bushels thresher's measure, weighing 40 lbs. to the bushel. The oats standing up in every part of the field, with no smut or rust, while our neighbors oats were down, only yielding a half crop. I consider the Canada Cluster the finest oats ever grown in this country.

R. G. Wheeler.

BUY YOUR HARDWARE, CUTLERY, GLASS AND GRANITEWARE OF US



DETROIT DARK RED.

- ✓Half Long Blood. An excellent half long, second early; good also for winter use . . . 10 65
- ✓Long Blood. Long, smooth and very dark red; a late variety. Our strain of this variety cannot be excelled. 10 50
- Mammoth Long Red Mangel, 10 20
- Yellow Mammoth or Intermediate, 10 20
- Yellow Ovoid Giant, 10 20
- Yellow Globe Mangel, 10 20
- Vilmorin's Improved Imperial Sugar, 10 20
- Golden Tankard Sugar, 10 25
- Taber's Gate Post, new mangel, 10 30
- Swiss Chard, for greens, 10 60
- New Ideal Mangel Beet, the prize Mangel See page 21 for particulars 10 50

ASPARAGUS.

	Per oz	Per lb
✓Barr's Mammoth, very large, early,	\$ 10	\$ 75
✓Palmetto, large, tender, light green,	10	75
✓Conover's Colossal, very large,	10	75
Asparagus Roots of the above varieties, per 100,	1 00	

Special prices for quantities.

BEET. Ruben

- ✓Bassano, Early Flat. German early, tender variety; color, light red, 10 65
- ✓Bastian Early Blood Turnip or Lentz. Very early red variety; not quite so flat as Bassano, 10 65
- ✓Crimson Globe. Globe-shaped; flesh deep purple, 10 65
- ✓Crosby's Egyptian. The best for early market; as early as the original strain of Egyptian, is thicker and less inclined to push up a woody neck as it advances in growth 10 65
- ✓Detroit Dark Red. Round, skin dark red; flesh light red; very sweet, 10 65
- ✓Dewing's Blood Turnip. Improved variety of deep blood-red; fine form and flavor 10 65
- ✓Eclipse Blood Turnip. Very early, round, smooth and dark red; very small top, and is one of the best for market, 10 65
- ✓Edmand's Turnip. One of the very best strains for market gardeners; small top, round, handsome and very dark red. Our stock is very fine, 10 65
- ✓Extra Early Egyptian Blood Turnip. One of the earliest table beets; small tops, color very dark red; flat and smooth, 10 65

BEANS, (Bush) Garten Bohne.

	Per qt.	Per bu
Golden Wax, Improved,	\$ 30	\$7 00
Black Wax, yellow pods,	30	7 00
Davis' Kidney Wax,	30	7 00
Wardwell's Kidney Wax,	30	7 00
Golden Eyed Wax,	30	7 00
Valentine Wax,	30	7 00
Early Long Yellow, six weeks, green pod,	25	4 50
Dwarf Horticultural,	30	6 00
Improved Valentine,	25	5 00
Mohawk, one of the earliest,	30	5 00
China Red Eye,	20	4 50
Boston Yellow Eye,	20	5 00
Refugee Pickling Bean,	25	5 00
White Kidney,	20	3 50
White Marrow,	20	3 50

BEANS, (Pole or runners).

	Per qt	Per bu
Dreer's Golden Cluster Wax	\$ 30	\$
Black Wax,	30	
Lazy Wife, pole,	30	7 00
Burpee's Bush Lima, large,	30	6 00
Dreer's Bush Lima,	30	6 00
Early Jersey, Lima, new,	30	6 00
King of the Garden Lima,	30	6 00
Siebert's Early Lima,	30	7 00
Cranberry, Speckled or Wren's Egg,	30	6 00
Case Knife, white flat,	30	6 00
Scarlet Runner,	40	8 00
White Dutch Runner,	40	8 00
Onondaga Pole,	30	6 00
Broad Windsor,	40	

Broccoli.

Early, large (French), per lb.	35
South Hampton, per lb.	35

Brussels Sprouts.

Dwarf, Fine French,	20	1 75
-------------------------------	----	------

Borecole, or Kale.

	Per lb.
Green Curled or Kale,	20
Purple or Brown Kale,	15

Hamilton, N. Y. Dec. 1905

Dear Sir:

I found your seed all right and true to name, am much pleased with it and you will find draft for same.

Yours truly

S. G. Matteson

TIN WORK AND REPAIRING DONE PROMPTLY.

Hier wird Deutsch gesprochen.



EARLY JERSEY WAKEFIELD.



VOLGA CABBAGE.

CABBAGE Kopf-Kohl.

Per oz. Per lb.

ALL HEAD, the only extra early, round flat headed cabbage, very solid, can be planted 21 inches apart

Volga Cabbage, new. See page 5.	30	\$3 00
Allen's Early Flat Dutch	25	2 00
Henderson's Early Summer	25	2 00
Winningsstadt, early	25	2 00
Early Ox Heart, or Etampes	25	2 00
Early Jersey, Wakefield	25	2 50
Succession, L. I. grown	25	2 00
Sure Head Cabbage	25	2 00
Houser, big, hard, late. See page 5	35	4 00
Fotler's Brunswick	25	2 00
Danish Ball Head, Imp	30	3 00
Hollander	30	2 00
Gregory's All Season	25	2 00
Premium Flat Dutch	25	1 75
Large and Late Drumhead	25	1 75
Marblehead Mammoth	25	1 50
Warren Stonemason	30	2 50
Red Dutch, "Erfurt," early	25	2 50
Red Rock, late,	25	2 00
Large Dark Red Drumh'd	25	2 00
Globe Savoy	25	2 00
Victoria Savoy	30	2 50

Skaneateles, N. Y. Dec. 28, 1905

Mr. F. H. Ebeling,
Syracuse, N. Y.

Dear Sir:—I am pleased to advise you that the Danish Ballhead Cabbage seed bought of you last spring has been very satisfactory to me. The seed came "True to Name" and produced plants free from disease. I sold the cabbage at \$13.00 per ton from the field. I want you to save me sufficient for my next year's crop.

Yours very truly,
F. N. Dickinson.

**GENUINE DENMARK
GROWN CAULIFLOWER
SEED.**

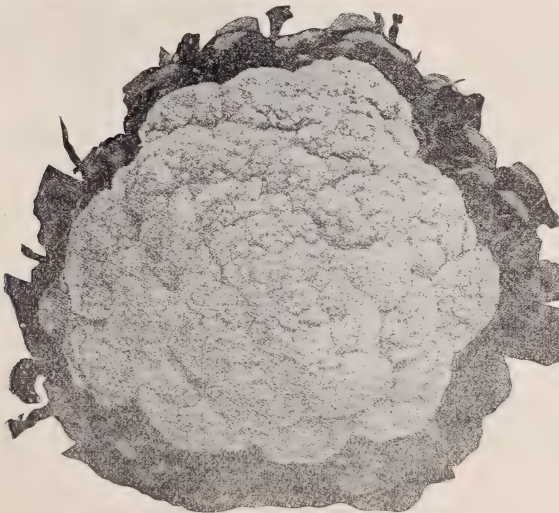
Imported annually from our Denmark growers for many years.

The best Gardeners in this section have used our strains for years. A sure header, a fine yielder and a money maker.

CAULIFLOWER-BlumenKohl

Per oz.

Ebeling's Snowball, extra small leaf, fine large head . . .	\$ 3 00
Ebeling's Dwarf, Erfurt, fine quality, true	3 00
Half Early Paris, large heads.	75

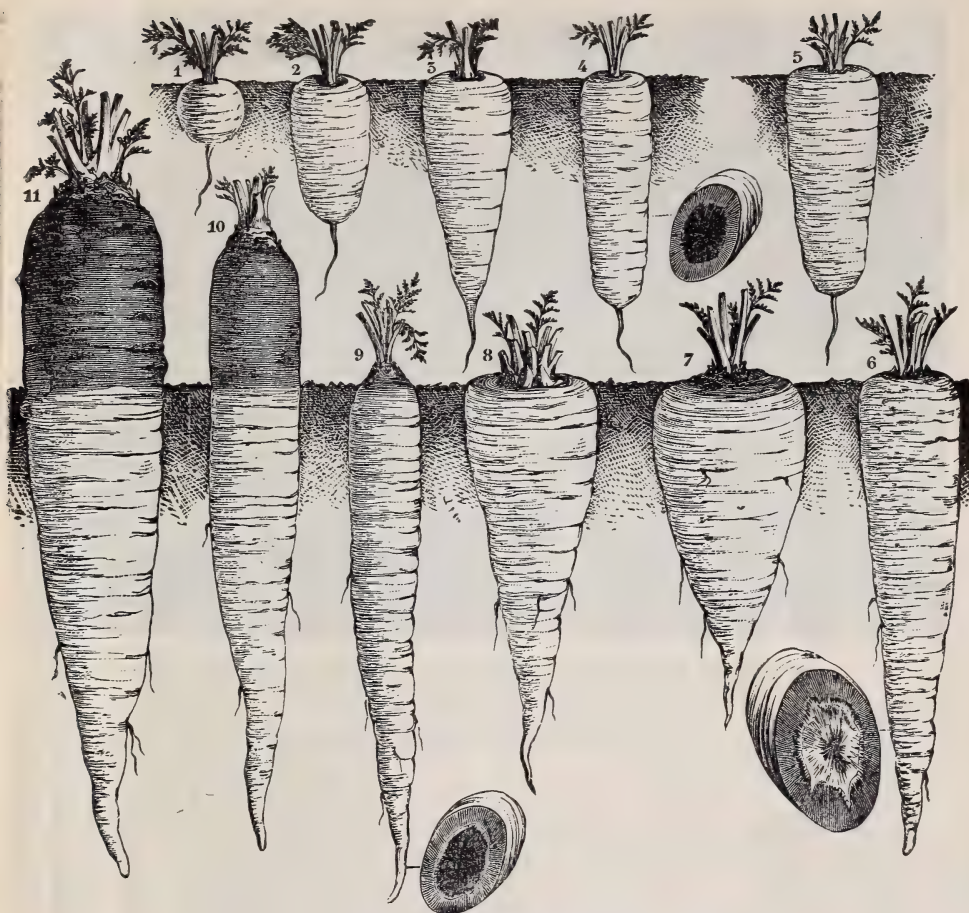


TRUE SNOWBALL CAULIFLOWER

FORMULA FOR MAGGOTS ON CABBAGE PLANTS.

Mr. Jacob Sneller, of Cicero, N. Y., has given us the following formula for Maggots on Cabbage plants.

Shake the plants out thoroughly to free from dirt and dip the roots in a weak solution of salt and water. It is important that the roots should be free from the dirt. Sowing the salt on the bed is also very beneficial. If slug-shot is sown on the bed just before the plants come through the ground it will prevent their being destroyed by bugs.



THIS CUT SHOWS TRUE SHAPE OF CARROTS.

CARROTS, Gelbe Ruben.

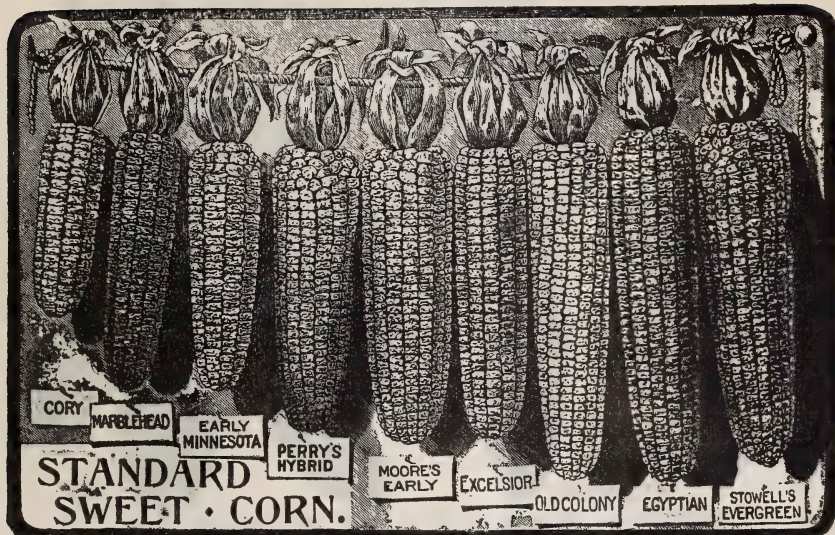
	Per oz.	Per lb
1. Early French Forcing, nearly round, small, very early,	\$ 10	\$1 00
2. Early Horn, scarlet, very early,	10	1 00
3. Danver, medium size, orange yellow,	10	90
4. Chantenay, finest quality for table, dark orange	10	90
5. Half Long Danvers, rich, dark orange,	10	90
6. Saint Vallery or Point Rooted Danver,	10	75
7. Large White Vosgas, for cattle, large yielder,	10	60
8. Half Long Pointed, St. James' new, red	10	65
9. Altringham, red for butter,	10	60
10. Long, Orange Green Top, yellow, very productive,	10	60
11. Large White Belgian, very productive,	10	60
Meaux Large, dark orange stump rooted, smooth, fine for table, . .	10	1 00
Oxheart (or Guerande), thick stump rooted,	10	75

USE OUR GROUND BONE, SHEEP FERTILIZERS AND LAWN
SEED. GLASS, PUTTY, HARDWARE AND TIN SHOP.



A FIELD OF OUR WHITE PLUME AND PARIS GOLDEN CELERY.
Grown by Emanuel Smith on Grand Avenue, This City.

CELERY , Selerie.	Per oz.	Per lb
BOSTON MARKET. Popular in the markets of Boston; a strong grower, remarkably tender and crisp,	20	\$1 50
CRAWFORD'S HALF DWARF. Very solid, creamy white when blanched; fine flavored,	20	2 00
DWARF GOLDEN HEART. Resembles the Half Dwarf White in habit of growth; very solid and the heart is of a golden yellow when blanched; excellent keeper,	20	2 00
PARIS GOLDEN SELF BLANCHING. Our strain of this variety is unexcelled and absolutely reliable; this sort is without doubt the finest early Celery in cultivation. It is perfectly solid, of a fine, nutty flavor, attains a good size, and when blanched is of a handsome golden yellow,	40	4 00
EVANS' TRIUMPH. Fine green variety, large and solid,	30	2 00
GIANT PASCAL. The largest variety grown, is also the best keeper; of fine, nutty flavor, very easily blanched; deservedly popular for fall and winter use	20	1 75
GIANT WHITE SOLID. Attains large size, is a quick grower, solid, crisp and a good keeper,	20	1 75
WHITE PLUME. A well known and perhaps the most popular variety of Celery; very early, ornamental, and for quality surpassed by none,	20	2 00
KALAMAZOO WHITE SOLID DWARF. Grown extensively by Celery growers at Kalamazoo, Michigan; a dwarf white variety, easily blanched; a good keeper and popular as a shipper,	30	2 00
NEW ROSE. The best of all the red or pink varieties, combining hardiness, solidity and keeping qualities; for crispness, and fine, nutty flavor, it has no superior,	30	3 00
PERFECTION HEARTWELL. A large, solid, fine flavored, sort of creamy white color; a fine winter sort,	20	2 00
PINK PLUME. Practically identical with Improved White Plume, but with the added merit of the stalks being richly suffused with pink,	30	3 00
SOUP CELERY. Seeds for flavoring soups, pickles, etc.,	05	75
CELERICAC. Large smooth or turnip rooted Celery,	20	2 00
CHICORY , Chichorie.		
Improved Large Leaves for Greens,	15	75
Large Rooted for Coffee,	15	75

**SWEET CORN.**

Per qt. Per bu.

PREMO—The earliest and best sweet corn in existence, early as the "Early Adams" for description see page 5.	30	\$ 5 00
EARLY MONARCH—Very white, 12 14-row, large, early as Ballard, frequently 2 ears on a stalk, very sweet, most desirable, second early in the market,	30	5 00
PEEP OF DAY—Extremely early, pure white, small cob, very sweet,	30	5 00
CORY RED—Earliest 8-row, red cob 6 inches long,	25	4 00
CORY WHITE—Similar to Cory Red,	25	4 00
MARBLEHEAD—Extra early, Red Cob, very fine,	25	4 00
PERRY'S HYBRID—Early 12-rowed, large ears, stalks of strong growth, 2 ears to the stalk,	25	4 00
EARLY MINNESOTA—8 rowed, large sweet kernels fine standard sort,	25	4 00
CROSBY EARLY—12-row, second early, 10 to 12 row, medium size,	25	4 00
BALLARD'S RED COB—Similar to Perry's Hybrid,	25	4 00
EARLY EVERGREEN—12 rows, 10 days earlier than Stowells,	25	4 00
MOORE'S EARLY CONCORD—Large, handsome 14-rowed, fine quality,	25	4 00
ASYLUM—Large, fine late,	25	4 00
SHAKER'S—Early, large ears, fine quality,	25	4 00
EGYPTIAN—Large, very late, tall growing, very sweet tender, fine for canning,	25	4 00
STOWELL'S EVERGREEN—Extra fine quality, stalks of strong growth, 2 ears to the stalk, very sweet, large kernels and slender cob,	20	3 00
COUNTRY GENTLEMAN—A cross of the Stowell's Evergreen and No Plus Ultra, slender and deep kernels, very productive and sweet,	25	4 00
BLACK MEXICAN—Medium early, 8-row, very sweet,	25	4 00
HICOX'S IMPROVED SUGAR—Very fine late, large ears, popular canning variety,	25	4 00
ANGEL-OF-MIDNIGHT,		2 00
EIGHT-ROWED YELLOW,		1 50
EIGHT ROWED WHITE,		1 25
PRIDE OF THE NORTH,		1 50
LEAMING—Early fodder corn,		1 50
"SOU"—Fodder corn,		1 50
EVERGREEN—Sweet corn for fodder,		2 00
IOWA GOLD MINE,		1 50
HURON DENT,		1 50

Per oz. Per lb.

CORN SALAD , Ackersalat. Large round leaved or small seeded,	\$ 15	\$1 75
CHERVIL , Gartenkerbel. Curled,	20	2 00
CRESS OR PEPPERGRASS , Kresse,		
CRESS—Garden curled,	10	75
WATER CRESS—DWARF—Fine curled,	25	2 50

SPECIAL PRICE ON SEED FOR CASH.

BARGAINS IN PLOWS.

Bei uns wird Deutsch gesprochen.



THE ABOVE SHOWS THE TRUE TYPE OF CUCUMBERS.

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White spine.



ENDIVE.



KOHL-RABI.

CUCUMBER, Gurke.

Per oz. Per lb

✓ Arlington. A selection from the White Spine, which is more pointed at each end. The young fruits are unusually crisp and tender and are of very dark green color; fine for small pickles.	Pkt. 5c;	\$ 10	\$ 75
— Hill's Forcing Early White Spine,	10		75
— Fordhook White Spine,	10		75
— Green Prolific, extra early,	10		75
— Early Russian,	10		75
— Early Frame,	10		75
— Early Cluster,	10		75
— White Spine, Improved ext. stock,	10		75
— Long Green,	10		75
— Giant Pera,	per pkt.,	20	
— Telegraph, per doz., seed,	"	25	
— West India Gherkin,	"	25	

EGG PLANT, Eierpflanze.

Per oz. Per lb

New York Improved,	35	\$ 00
Black Pekin,	30	\$ 00

ENDIVE, Endivien.

Yellow Early (not curled),	20	1 50
Green Curled Winter,	20	1 25
Fine Curled Summer,	20	1 50
Broad Leaf or Escarola,	20	1 50

GARLIC, Knoblauch.

Sets 10 80

HERBS, See page 17.**KALE, or Borecole. See Borecole.**

Green Curled,	15	85
Siberian Curled, German Greens,	15	75

KOHL-RABI.

White, above ground,	25	2 00
Purple, above ground,	25	2 50

LEEK, Lauch. London, broad flag,

20 1 00

LETTUCE Salat.

Per oz. Per lb

Grand Rapids, newforcing very fine for greenhouse	\$ 15	\$1 25
Wonderful	15	1 25
Denver Market, early head	15	1 25
Onondaga, for Green House	15	1 25
Brown Dutch	15	1 25
Green or Red Fringed	15	1 25
Boston Market	15	1 25
Satisfaction	15	1 25
Early Curled Simpson	15	1 25
Early Curled Silesian	15	1 25
Golden Stone	15	1 25
Iceberg	15	1 25
Hanson Head	15	1 25
New York Head	15	1 25
India or Prize Head	15	1 25
Tennis Ball	15	1 25
White Cos	15	1 25



GRAND RAPIDS LETTUCE.

YELLOW SEEDED BUTTER—Cabbage Butter head, medium large, medium green, leaves crumpled and rather thick. Is similar or same as silver ball.

WONDERFUL—Curled or crisp, heading, dark green, heads somewhat conical.

GIANT WHITE COS—Large size, medium light green, is quite tall, forms a good head.

DEACON HEAD—Cabbage butter head, medium size, medium green, leaves thick. Does not form a decided head but a well folded one, which is very oily and golden yellow inside.

DENVER MARKET—Cabbage, butter head, medium small size, medium green. One of the old standard varieties, and in our experience have found it identical with White Seed Tennisball.

BIG BOSTON—A fine large-heading forcing sort, and succeeds well in cold frames during the winter. The plants are very hardy and vigorous. When well grown, the heads are beautifully blanched and quite tender.

NEW YORK HEAD—Curled or Crisp as Iceberg, dark green heads somewhat conical.

BLACK SEED TENNISBALL—For hot bed culture but not for green-house culture.



PAUL ROSE MUSK MELON.

MUSKMELON. Melone.

Per oz. Per lb

Onondaga Musk Melon—This new early, large, fine oblong, netted, green fleshed melon was originated in this city by Nathan Rose. A great yielder, very hardy, firm fleshed, attractive in appearance a ready seller	\$ 10	\$ 1 00
Paul Rose or Petosky—fine salmon fleshed	10	1 00
Rocky Ford—new, green flesh,	10	1 00
Delmonico Round, deep orange, very productive, early	10	1 00
Miller's Cream or Osage, very fine, deep Salmon flesh	10	1 00
Nutmeg, fine netted, extra early green	10	1 00
Large Nutmeg or Improved Cantelope, green flesh	10	1 00
Montreal Market Musk, green flesh,	10	1 00
Hackensack, very fine, green	10	1 00

Surprise—round yellow flesh medium size	\$ 10	\$ 1 00
Tip Top—a very fine yellow fleshed market melon	10	1 00
Emeral Gem Greenflesh	10	1 00
Orange Christiana, the fine netted yellow flesh	10	1 00



MUSHROOM BED

MUSHROOM SPAWN.

Mushrooms may be grown wherever the temperature of 50 degrees can be kept up throughout the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted. It takes about two months to begin bearing.

Price, 25 cents per pound.

For full particulars how to grow them, see our book on 'Mushroom growing listed on front inside page of cover.

"GET AN INGERSOLL WATCH FOR YOURSELF OR BOY—WE SELL THEM."



A field of our Yellow Globe Danver Improved Onion grown by Ford Bros. Salina.

WATERMELON. Wassermelone

	Per oz	Per lb
Sweet Heart. early, large, hand-some,	\$ 10	\$1 00
Phinney's Early, red flesh,	10	1 00
Cole's Early, early,	10	1 00
Mountain Sweet, old favorite,	10	1 00
Black Spanish, round, dark green with red flesh,	10	1 00
Iceings or Ice Cream,	10	1 00
Green Citron, for preserves,	10	1 00
Kolb's Gem,	10	1 00
MARTYNIA , for pickles,	40	3 25

NASTURTIUM.

Tall (See Flower Seed),	10	75
Dwarf,	15	85

OKRA or GUMBO.

Dwarf, white,	10	75
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MUSHROOM SPAWN.

English,	25	
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MUSTARD, Senf.

White,	05	35
Brown,	05	35

ONION. Zwiebel

	Per oz	Per lb
—Southport Yellow Globe,	\$ 20	\$2 00
—Michigan Yellow Globe,	20	1 50
—Ohio Yellow Globe,	20	1 50
—Yellow Globe Danvers, Improved,	20	1 50
—Prize Taker,	20	1 50
—Extra Early Red, early, flat,	20	1 50
—Southport, Red Globe,	20	1 50
—Large Red Wetherfield,	20	1 25
—California Early Red,	20	1 50
Bolton Seed produces the Bolton Sets,	25	2 50
—White Silverskin or Portugal for bunching,	25	2 50
—Southport White Globe,	25	2 50
—Mammoth Silver King,	25	2 50
—Barletta,	25	3 00
Top Onion Sets		
Bolton		
Yellow		
White		
Potato		
	Market Price	



BELL OR BULL NOSE.

PARSLEY. Peterselia

	Per oz	Per lb
Champion Moss Curled,	\$ 10	\$ 75
Fern Leaved,	10	75
Extra Double Curled,	10	75

PARSNIPS. Pastinake

Long White,	10	50
Hollow Crown, thick shoulder,	10	50

PEPPER. Pfeffer

Rose Mammoth, extra Bull Nose,	25	2 50
Bell or Bull Nose, extra large,	25	2 50
Ruby King, extra long,	25	2 50
Long Red Cayenne,	25	2 50
Mountain Sweet, for stuffed pickles,	25	2 50
Celestial, new,	25	2 50
Red Cluster or Red Cherry,	25	2 50
Chili, small, for pepper sauce,	25	2 50

PEAS. Erbsen**EXTRA EARLY SORTS.**

	Per qt	Per bu
*Gradus or Prosperity, pods big as Telephone, early as Alaska, 3 feet	\$ 40	\$ 10 00
*Cleveland's Alaska, one of the earliest blue peas, about 2 1-2 feet	25	4 50
*Perry's Forty-two day, the best extra early, about 2 feet	25	3 50
*Philadelphia Extra Early, resembling First and Best, about 2 feet,	25	3 50
*Improved Daniel O'Rourke, 2 1-2 feet, a favorite among gardeners,	25	3 50
*New Surprise, very early, 2 feet. See below on this page	30	5 00

DWARF VARIETIES.

*Dwarf Telephone or Carters Daisy,	30	6 00
*Dwarf Champion 2 feet, equal to Champion of England. See below, this page	30	6 00
*Nott's Excelsior, early, large pods and very prolific, very early,	30	5 50
*American Wonder, green, 1 foot, extra early and productive,	30	6 00
*Premium Gems, very early, fine dwarf, 15 inches,	30	5 00
*McLean's Little Gem, very fine, popular, 1 foot, early,	30	6 00

SECOND EARLY and LATE VARIETIES.

*Improved Stratagem, 1 to 2 feet, vigorous, one of the very best,	25	5 00
*Bliss, Abundance, 2 1-2 feet, round pods, fine yielder,	25	5 00
*Bliss, everbearing, 2 1-2 to 3 feet, pods 3 inches, fine quality,	25	5 00
*McLean's Advancer's, True, long pods, fine quality, 2 1-2 feet,	25	5 00
*Champions, very fine, old favorite, 4 feet	25	3 50
*Horsford's Market Garden, good cropper, similar to "Advancer" very prolific pods packed with peas, 2 1-4 feet,	25	5 00
*Ebeling's Telephone, the finest large second early pea in the market, 3 ft.	25	6 00
*Yorkshire Hero, large, late, very productive, 2 1-2 feet,	25	4 50
*Melting Sugar, edible pods, 4 to 5 feet, use same as Snap or String Beans,	25	5 00
*Gray Sugar, edible pods, 2 feet,	25	5 00
*White Dwarf Marrowfat, 2 feet	15	2 50
*Black Eyes, very early and prolific, 3 feet,	10	2 50
*Canada Field		Market Price

Wrinkled varieties marked thus*

THE ADMIRAL. Vines vigorous, about four feet high. Pods usually borne in pairs in great abundance; two and one-half inches long, crowded with six to nine peas. Ripens with Telephone or a little later.

30 5 00

NEW DWARF CHAMPION PEA.

A pea with all the merits of the well-known and reliable Champion of England, being hardy and excellent quality, but less vine, larger pods and more of them.

A hardy vigorous grower, dark green pods of good size and great abundance, quality is unsurpassed.

Height of vine about 26 inches.

Season, coming in after the Little Gem.

Per qt. 30 cents; bushel \$6.00.

NEW SURPRISE PEA.

This remarkable new sort is a cross of Earliest of all and American Wonder, possessing the quality of the American Wonder and is the Earliest of the Hard Peas. The vine grows 24 inches high and need no bushing, the pods are well filled, containing 6 or 7 peas. "Of 33 varieties on trial it was the first to pick and the first to dry down." Prices 30 cts per quart; \$5.00 per bushel.

Mr. F. H. Ebeling, Waterloo, Jan 5, 1906.

Dear Sir:—The Waverly Oats we purchased of you proved to be splendid, one field of 20 acres was a beautiful sight to look at, standing up well, yield and quality fine. Our vegetable seed was a good average and a little later will send you order for the coming season. Yours truly

Day & Beard

POTATOES.

Early Ohio, Jr.	Early Mortgage Lifter
Early Ohio	Irish Cobbler
Early Rose	Rural New Yorkers
Early Statesman	Carman
Bliss Early Prolific	Early Beauty of Hebron

Prices on Application.

**PUMPKIN SEEDS.**

Connecticut Field . Per lb. 15	Per Bu. \$3.00	Cheese Pumpkin Per lb. \$.60
Cashaw Pumpkin, fine table . . . Per lb. .75		Mammoth Prize Pie, per' pkt.10

Names of a few gardeners who have dealt with this house continuously from 21 to 37 years	
Charles B. Day, Waterloo,	22 years
J. N. Rose, Syracuse,	37 "
S. B. Babcock, Fulton,	29 "
Albert Wright, Syracuse,	37 "
The late Henry Burt, Syracuse,	33 "
William Lambert, Salina,	24 "
James McClure,	22 years
John Butler, Onondaga Valley,	34 "
A. H. Ballard, East Onondaga,	24 "
George Craddock, Onondaga,	36 "
Henry Wright, Syracuse,	37 "

Also hundreds of others who have dealt with us 5 to 26 years.



DEEP SCARLET TURNIP
RADISH.
SMALL TOP. NEW.



FRENCH BREAKFAST
RADISH.



CHINESE ROSE WINTER
RADISH.

RADISH. Radischen. Our Seed is the very best imported.

FRENCH STOCK.		Per oz	Per lb
Early Scarlet Globe,		\$ 10	\$ 75
Ne Plus Ultra Deep Scarlet Turnip,		10	75
Early Scarlet Turnip, white Tipped (rosy gem)		10	75
Early Deep Scarlet Turnip, forcing,		10	75
Early White Box or Turnip,		10	75
Early Deep Scarlet, olive shape, small top,		10	75
White Olive Shaped or Newcombe,		10	75
Yellow Turnip, white flesh, summer,		10	75
French Breakfast, white tipped,		10	65
White Giant Stuttgart, summer, very large,		10	75
Early Long Scarlet, short top,		10	75
Long White Vienna or Lady Finger, excellent,		10	75
Chartier Long, white tipped,		10	75
Scarlet Chinese Rose Winter, fall variety,		10	75
Round Black Spanish Winter, German favorite,		10	60
Long Black Spanish, winter, black skin, white flesh,		10	60
White Giant Spanish, winter,		10	60
White Stasburg, fine, solid, large, summer,		10	60
White Russian, very large, winter,		10	60
California Mammoth White, winter,		10	60

Special prices in quantities.

SAGE, 20 2 00

SALSIFY, or Vegetable Oyster, Bocksbart.

Large White,	10	1 20
Mammoth Sandwich Island, new,	10	1 00

SORREL, Large Leaved French,

SPINACH. Spinat. 25 lb. lots special prices.

New Zealand. This is not a Spinach of the ordinary type, but a plant of branching growth. The stems and leaves are soft, thick, fleshy, and of a crystalline appearance. Started early in the spring, the plants will resist heat and make a strong growth during the summer. The young branches and leaves can be gathered at any time and prepared like Spinach, Pkt. 5c; 1-4 lb. 30c

Early Giant Thick Leaved. An early maturing sort, with large leaves of fine, deep color, 5 25

Round Summer Broad Leaved. Preferred in the north for early spring sowing, and is the most popular with our market gardeners. The leaves are large, thick and fleshy. Though not quite as hardy as the Prickly Winter, stands exposure well. 5 25

Round-Viroflay. (Thick leaved.) Has very large, thick, dark green leaves; the favorite market gardener's sort for fall or spring sowing, 5 25

Norfolk Leaved Savoy or Bloomsdale. Large curled and wrinkled leaves; tender, of finest flavor, 5 25

Long-Standing. (Round, Thick-leaved.) Dark green; leaves large and thick; very long-standing before running to seed; the best for spring growing, 5 25

Victoria. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance and of the finest quality; remains in prime condition from two to three weeks after all other varieties have run to seed; a fine variety for spring sowing, 5 25

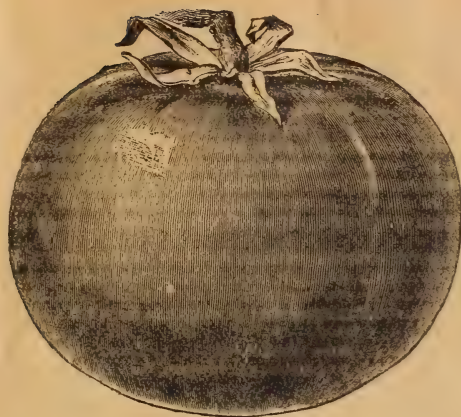
Prickly or Winter. Vigorous and hardy, and recommended for fall sowing, 5 25

SQUASH. Kurbis.

	Per oz.	Per lb		Per oz	Per lb
The Delicious, new,	\$ 10	1 00	Hubbard, winter, fine stock,	\$ 10	\$ 85
Golden Hubbard,	10	1 00	Boston Marrow, old variety, fall,	10	75
Golden Bush Scallop,	10	85	Butman, nearly like Hubbard,	10	75
Early Scallop, white,	10	85	Marblehead, like Butman,	10	85
Giant Summer, Crook-neck,	10	85	Vegetable Marrow,	10	85
The Faxon, very early,	10	85	Fordhook,	10	1 00

TOBACCO SEED. Tobacco Samen.

Wilson's Hybrid, per oz. 50. Haynes, sealed, per oz. 50



CHALKS EARLY JEWEL.

TOMATO. Liebesapfel.

	Per oz.	Per lb
Sparks Earliana, largest early scarlet on the market, . . .	\$ 40	\$ 3 50
Chalk's Early Jewel, see pp. 5	40	3 50
New Scarlet Stone, . . .	25	2 50
Early Ruby, bright scarlet, . . .	25	2 50
Atlantic Prize, bright red, . . .	25	2 50
Ignotum, new, deep red, . . .	25	3 00
Dwarf Champion, pink, . . .	25	2 50
Seovill's Hybrid, . . .	25	2 00
Livingston's Beauty, pink, . . .	25	2 25
Livingston's Magnus, new, . . .	30	2 50
Livingston's Favorite, pink, . . .	25	2 25
Livingston's Perfection, scarlet, . . .	25	2 50
Acme, purple, . . .	20	2 00
Lorillard, early bright red, . . .	25	2 50
Paragon, bright red, . . .	25	2 50
Ponderosa, very large, red, . . .	25	3 00
Trophy, large and solid, red . . .	25	2 25
Dwarf Aristocrat, scarlet, . . .	25	3 00
Yellow Husk, . . .	5c	paper
Golden Queen, . . .	5c	"
Yellow Plum, . . .	5c	"
Purple Husk, . . .	5c	"

RUTA BAGA AMERICAN PURPLE
TOP TURNIP.**TURNIP.** Steckrube

Per oz Per lb

LONG ISLAND IMPROVED RUTA BAGA TURNIP.

This very desirable variety is nearly globe shaped with absolutely no neck. The flesh is firm and very tender; color on outside white with purple top, while the inside is pale yellow. Has the same flavor and richness of ordinary Ruta Baga without the strong flavor. In fact it bears the same relation to the Turnip as the Cauliflower to the Cabbage.

Cow Horn, or Long White. Pure white, except a little shade of green at the top carrot-like in form, growing nearly half out of the ground and slightly crooked. Delicate and well flavored, of very rapid growth and has obtained considerable favor for fall and early winter. . .

Cabbage, . . .	\$ 10	\$ 50
Extra Early White Milan, . . .	10	50
Purple Top, strap leaf, flat white. . .	10	75
Mammoth Purple Top White Globe, . . .	10	50
Golden Ball or Orange Jelly, . . .	10	50
White Norfolk, large, fine summer, globe shape	10	50
Early White Stone, very fine, . . .	10	50
White Dutch, flat, . . .	10	50
Yellow Aberdeen, . . .	10	50
White Sweet Waldo or German, . . .	10	50
Skirving's Yellow Ruta Baga, purple top, very large . . .	10	50
Laing's Improved Swede, white, . . .	10	50
Carter's Improved Swede, yellow, . . .	10	50

SWEET HERBS.

Anise, seeds aromatic, . . .	5c
Balm, has medicinal qualities, . . .	5c
Basil, sweet, . . .	5c
Borage, leaves used for salad, . . .	5c
Caraway, seeds aromatic, . . .	5c
Chives, . . .	5c
Coriander, seeds aromatic, . . .	5c
Dill, seeds aromatic and medicinal, . . .	5c
Fennel Sweet, seeds aromatic, . . .	5c
Horehound, . . .	5c
Lavender, leaves aromatic, . . .	5c

SWEET HERBS.

Marjoram, leaves used in seasoning, . . .	5c
Mint (peppermint), . . .	5c
Rosemary, aromatic, . . .	5c
Rue, medicinal qualities, . . .	5c
Saffron, medicinal qualities; also dyeing, . . .	5c
Sorrel, . . .	5c
Sage, culinary herb, . . .	\$1.40 lb
Savory Summer, culinary herb, . . .	5c
Tarragon or Estragon (roots), . . .	5c
Thyme, culinary herb, . . .	5c
Wormwood, medicinal qualities, . . .	5c

WE CARRY A FINE STOCK OF HARDWARE, GLASS AND PUTTY.
USE OUR SPECIAL LAWN DRESSING AND AVOID FOUL WEEDS.

Bei uns wird Deutsch gesprochen.

LAWN SEEDS.

The best Lawns of Syracuse show what we are doing to promote this good work in our midst. For years we have studied the nature of grasses, their adaption to soils, height, color, etc., with this object in view. We use in our mixture only grasses that harmonize in color and size, using both early and late varieties, that our lawns may remain green and beautiful all through the season. We are sure there is no better mixture for lawns than ours. Our Lawn Seed is strictly pure. We examine every variety under a glass before we mix them, that our lawn seed may be free from fowl weeds. We use only fibrous rooted perennial grasses that will stand the drouth and close cutting



"A Beautiful Lawn."

without injury. We select grasses that harmonize in size and color in order to produce a fine velvety appearance and form a thick covering on the ground. 1 lb. 25c; 100 lbs., \$18.00

Fine Sodds for Lawns. Prices on Application.

"BONORA," NATURE'S PLANT FOOD.

Treated with
"BONORA."Treated with
Fertilizer.

The greatest discovery of modern times. Liberally used and highly endorsed by the most prominent growers of the country. Good for all living plants. Invigorates, promotes the growth, increases the crop, and causes it to mature earlier. Encourages, produces and retains moisture, thus enabling the plant to withstand drought, and is, in fact, a most wonderful fertilizer. Contains all the elements essential to plant life, compounded in such a way as to give the most beneficial results. Any grower who values his crop makes a serious mistake to be without "BONORA," as it matures the crop two to three weeks earlier, largely increasing the same, and greatly improving it in every detail. Used with eminent success on the Capitol grounds of Washington, D. C., and in all the principal departments of that city. Pronounced by one and all the fertilizer of the day. Results guaranteed in each and every instance. Failure impossible where "BONORA" is used. A trial will convince the most skeptical, and once used you will never be without it.

"BONORA" is put up in dry and liquid form as follows:

1, 2, 5 and 10 gallon kegs, per gal.....	\$2.00	Half barrels (25 gals.) per gal.....	1.75
Barrels (50 gals.) per gal.....			\$1.50
Put up in dry form, all size packages, as follows:			
5 lbs. making 140 gallons.....	\$2.50	40 lbs. making 1120 gallons.....	\$20.00
10 lbs. making 280 gallons.....	5.00	100 lbs. making 2800 gallons.....	42.50

Circular and further information on application.

BONORA CHEMICAL CO.:

POCANTICO HILLS, N. Y., October 4th, 1905.

Gentlemen—Answering your letter about how well I was pleased with "BONORA," wish to say that it gave us great satisfaction. We tried it sparingly, as we have been fooled with so many different things, that I thought it was best to go slowly with it.

It not only highly pleased me, but all those that have seen it notice the great difference between where it is used and where it is not used. I am very sorry I did not get more, earlier in the season, as we could use it to great advantage.

I used it on evergreens, trees, lawns, and on flowering plants. Expect to use a large quantity the coming season, and shall send you the order direct, if your representative does not call early enough.

Very truly yours,

C. G. CHADER, Gardener to J. D. Rockefeller.

IMMENSE CROPS WITHOUT FERTILIZERS.



**What
Nitro
Culture
Has
Done.**

**Read
This
Page
Carefully.**

Remarkable Alfalfa from Nitro-Culture on farm of H. W. Ingram.

A New, Sure and Easy way has recently been discovered to make worn-out or poor land enormously productive without fertilizers and almost without expense. Plants need nitrogen—can't grow without it. Heretofore fertilizers have been needed to put nitrogen into the soil. Nitrogen is very necessary—is the most expensive part of fertilizers. The new way is easier, surer, cheaper—it is to let nitrogen-gathering germs feed the plants.

The soil is full of air. Air is four-fifths free nitrogen. Think what limitless plant food, in the form of free nitrogen, the air contains. Right here the new discovery comes in. Plants can't extract nitrogen from the air, but there are germs that can. These germs have been discovered and are now being used for that purpose.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air, and feed it to the plants. That's the secret of the new way that is making many farmers rich. The germs do the work—the farmer gets the profit. They save expense, reduce the work, increase the crop enormously, even make it possible to grow Alfalfa and other crops where they never would grow before.

PRICE LIST.

Nitro-Culture sufficient to inoculate the following seeds per acre, mailed to any address in the United States or Canada at the following prices:

Alfalfa, per acre, \$2.00	Sweet Peas, 1-2 acre \$1.00	String Beans per acre, \$2.00
Red Clover, " 2.00	Wax Beans, per acre, 2.00	Vetch " 2.00
Crimson Clover " 2.00	Soy Beans, " 2.00	Lima Beans, " 2.00
Garden Peas, 1-2 acre 1.00		

Guaranteed to keep six months from date of shipment and can be used within that time.

Alfalfa plants obtain a large supply of nitrogen from the air when the plants are well started, but while young and until they get a fair growth it is necessary that the soil should be in fertile condition; otherwise the plants will die out from lack of nourishment before bacteria have developed sufficient to collect nitrogen from the air and feed the young plants. Many farmers have made a mistake by planting Alfalfa in poor, worn out ground. It would be better to plant inoculated cow-peas or field peas first, plow them under, let the field stand for thirty days, then plant Alfalfa, and if the seed has been carefully inoculated with NITRO CULTURE, it is almost sure to be successful.

CHESTER COUNTY, PA., October 4, 1905.

I herewith hand you a photograph of my Alfalfa field one month after the third cutting. The field contains one and one-half acres, was cut June 8th and we harvested three tons; it was again cut July 5th, when about the same amount was taken off; the third cutting was August 7th, when about two and one-half tons were harvested. Yours very truly, H. W. INGRAM.

SAN JOSE SCALE. Formula—50 lbs. of lime, 50 lbs. of sulphur and 50 lbs of salt to 150 gallons of water boiled together for an hour has been found to give the best results. The mixture should be strained through a fine screen to remove the grit and sediment and prevent clogging of the pump.

IF in doubt what to sow on your land sow clover seed. You can't have too much of it and feed it out on the farm.

TO PREVENT SMUT IN OATS. Formula—1 pt. of formalin to 20 gal. of water, wet 20 bu. or in that proportion) of oats with this solution, mix thoroughly by shoveling, then pile in a mound, cover up well with blankets, etc. for 12 hours. This forms a gas that will destroy the Smut germ. After 12 hours spread out the Oats to dry. They will then be ready for sowing.

THE MAN who makes two weeds grow where where but one grew before by sowing the seed on his well prepared soil is a fool. Buy Clean Seed.

WEED SEED is a dear purchase at any price. The home supply is more than enough.

Bei uns wird Deutsch gesprochen.



Alfalfa or Lucerne Clover.

Grass revels in cool moist soil, and its roots make ready through winter for the summer growth above ground. In spring the soil, especially if it has been long under tillage, dries all too quickly, being poor in humus, and the air being warmer than the ground stimulates top growth of new seedling before the root formation is able to sustain it, the young grass, therefore, has a struggle for life.

If grain has been sown with grass its more vigorous seedling robs the grass plant of moisture to such an extent that it is often killed outright, and the farmer bewails the "uncertain season" that caused him to lose his seedling.

WE OFFER CLOVER, GRASS AND FIELD SEED.

Clover, Red	Amber Cane,
" White,	Dwarf Essex Rape,
" Crimson,	Peas, Canada,
" Alfalfa	" Black Eye,
" Alsike,	" Cow,
" Bokhara,	" Early and Late,
" Sainfoin,	Rye, Spring,
Timothy, Recleaned,	" Winter,
" Choice,	Corn Leaming
" Prime,	" Pride of the North,
Red Top,	" Sweet,
Blue Grass,	" Pop,
Orchard Grass,	" Field,
Millet, German,	Wheat, Spring,
" Hungarian.	Oats, Seed
" Common,	Flax Seed,
Barley,	Broom Corn,
Buckwheat,	Quack Seed,

We Offer Choice, Well-Cleaned, True to Name, Varieties of Following Seeds at Reasonable Prices.

SPRING RYE—\$1.40 per bushel.
 SPRING WHEAT—\$1.75 per bushel.
 COW PEAS—\$2.50 per bushel.
 DWARF ESSEX RAPE—\$6.50 per 100 lbs.
 FIELD CORN—White or Yellow, Market price.
 HURON DENT CORN—\$1.25 per bushel.
 IOWA GOLD MINE—\$1.50 per bushel.
 LEAMING CORN—\$1.00 per bushel.
 PRIDE OF THE NORTH—\$1.00 per bushel.
 JAPANESE MILLET—\$1.50 per bushel.

ALFALFA

ALFALFA—We offer a fine pure native grown Alfalfa Seed, tested by the Department at Washington, and the Agricultural Station at Geneva.

Sow 30 pounds to the acre. Its feeding value is nearly double that of Timothy Hay, and it can be fed green or dry. Nitro-Culture will enable it to grow on the ordinary soils. A thorough and careful use of this Culture is recommended. A field of Alfalfa is a little "Gold Mine" on any farm.

Price for first-class seed \$9.50 per bu. at the present ruling market price. The crop of native seed is very short and would suggest buying early.

ALSIKE

This hybrid clover does well on strong clay soil, and thrives especially well on moist or low land. It is the proper companion for timothy, the stout stems of the latter sustaining the slender Alsike and the mixture making the best of hay, ranking as No. 1 timothy in market. Alsike has high value, also, as a renovator of marshy land, as it drives out the sedges and other wild growths. It has no tap root but a mass of fine laterals, hence it does not winter kill by heaving. As both hay and pasture, it is greatly relished by all stock. Price varies according to quality.

FALL SEEDING

At this season the ground is warmer than the atmosphere; the gradual reduction of temperature checks leaf growth, while the warmer soil invites a vigorous root formation which continues until the ground is frozen, and is resumed at every thaw.

SPECIAL GRASSES.

	Wt. per bu.	Per lb.	100 lbs
Bromus Inermis Grass.....	12	15c	\$12 00
Creeping Bent.....	24	25c	20 00
Meadow Foftail.....	9	35c	25 00
Sweet Vernal.....	11	20c	15 00
Tall Oat Grass.....	13	25c	20 00
Crested Dogtail.....	30	30c	25 00
Sheep's Fescue.....	16	20c	14 00
Hard Fescue.....	20	20c	12 00
Meadow Fescue.....	27	20c	15 00
Tall Meadow Fescue.....	22	25c	20 00
Red Fescue.....	24	25c	20 00
Rough Stalked Meadow.....	26	40c	35 00
Pacey's English Rye Grass.....	28	15c	10 00
Italian Rye Grass.....	22	12c	10 00
Wood Meadow Grass.....	19	40c	35 00

Special prices given for quantities on any of the above varieties.

GOLDEN MILLET—\$1.50 per bushel.

HUNGARIAN—\$1.25 per bushel.

KAFFIR CORN—\$1.25 per bushel.

WHITE SEED OATS—We offer choice well cleaned, true to name, varieties of Seed Oats at reasonable prices.

SPELTZ—\$1.00 per bushel.

SOY BEANS—\$2.75 per bushel.

AMBER CANE or SORGHUM—\$2.75 per bushel.

BUCKWHEAT—\$1.00 per bushel.

"WE SELL HARDWARE, GLASS, GRANITE WARE, CUTLERY, & ETC."

FAMOUS WAVERLY WHITE OATS

which were

IMPORTED FROM SCOTLAND

Continue to Give Great Results.

We again take pleasure in offering these famous oats with greater confidence than ever. The wonderful results obtained in this county by our farmers leads us to repeat all that was said before regarding them as to yield, weight, quality, stiffness of straw, etc., and we urge our farmers to give it a good place on their farms during the coming season. It is the **BIGGEST and MOST VALUABLE OAT PROPOSITION EVER OFFERED** in this county.

The **WAVERLY** IS **THIN** in the **HULL** and has a clear, **BRIGHT, AMBER COLORED STRAW**, which **STANDS UPRIGHT** in almost all kinds of weather. It is wonderfully **ADAPTED TO BOTH the SOIL and CLIMATE OF THIS SECTION**, and is ready to harvest about the same time as other sorts. The kernels are so unusually **SWEET, LARGE and MEATY** as to appear like mammoth rye grains. The most **DISTINCT FEATURE** of the **NEW WAVERLY** is its producing **THREE GRAINS IN A SPIKELET**, whereas most all other varieties produce but two. Of immense stooking qualities. **WAVERLY** gives great promise of becoming the leading Oat for this State and we predict an enormous sale

On the farm of Col. A. C. Chase at South Onondaga, N. Y., over 800 bushels were grown on 10 acres. The State Farm at Camillus, Mr. Bristow, Supt., reported that he had also produced 80 bushels per acre. **PRICE, \$1.25 per Bushel. Special price for large lots.**



NEW IDEAL MANGEL.

THE IDEAL SUGAR MANGEL BEET.

A new and original mangel, a perfect chunk of a beet, as shown by the cut, indicating easy harvesting on hard soils.

The quality of this new mangel, as shown and fully demonstrated on the trial grounds and by laboratory tests, proves it, as compared with thirty other varieties:

The greatest yielder; contains the highest amount of dried substance; contains the greatest amount of sugar; grows well above ground; therefore making the most valuable feeding beet known. Size, quality and yield, **THESE THREE POINTS** are very important and should not be overlooked.

We have only a limited quantity to offer this season. Price, 50c per pound while it lasts.

We have decided to again offer three prizes in gold, one of \$5.00, one of \$3.00 and one of \$2.00 for the three largest beets of this variety, same to be decided upon actual dimensions and weight on or before Dec. 1, 1906.

Mr. T. E. Barlow, manager of the Hemingway Farms at Auburn, N. Y., grew an immense crop of the "Ideal Mangel Beet, a single row weighing a ton. A sample Beet weighed nearly twenty three pounds about two months after putting it in the cellar. They will put in a large acreage again this season.

Mr. Thomas Bristow, Supt. of the State Farms near Camillus, and E. E. Nichols of South Onondaga, N. Y., also grew big crops and are very much pleased with them.

The 1905 prizes were taken by Mr. Bristow and Mr. Barlow.

KEY TO TOOLS ON FOLLOWING PAGES.

No.	Price
1 Solid Shank Hoe.....	\$ 30
2 Notched Scuffle Hoe.....	1 00
3 Narrow Hoe and Rake.....	50
4 Socket Common Hoe.....	30
5 Trowel Shape Weeding Hoe.....	75
6 Onion Hoe, "double end,"..	50
7 Hoe and Rake, several sizes.....	25
8 Potato Hook, several sizes...	40
9 Secor Weeding Hook.....	10
10 Large Plantation Hoe.....	50
11 Thistle Spud.....	50
12 Thistle Spud for Lawns.....	50 to 75
13 Pruning Shears, all kinds...	50 to 1 50
14 Hedge Shears, several sizes.....	1 00 to 1 75
15 Sheep and Grass Shears.....	50 to 1 50
16 Border Shears with roller, or without.....	2 50 to 4 00
17 Spud for Pulling Vegetables.....	1 00
18 Dutch Hoe.....	1 00
19 Patent English Scuffle Hoe.....	35 to 50
20 Onion and Celery Plow.....	2 50
21 Tack Claw.....	15 to 25
22 Pruning and Wood Saws...	90 to 1 00
23 Mattock, several sizes.....	50 to 75
24 Transplanting Forks.....	10 to 1 00
25 Wire Leaf Rake.....	60
26 Narrow Mattock.....	75
27 Tree Pruners, several styles.....	1 00 to 3 50
28 Steel Trowels, all grades...	10 to 60
29 Flower Gatherer.....	50 to 1 00
30 Lang's Patent Weeder.....	25
31 Trellis, all sizes.....	15 to 2 00
32 Double End Pruning Saw...	90
33 Bill Hook.....	1 00 to 1 50
34 Garden Line and Reel.....	1 00 to 1 50
35 Grape and other Scissors.....	25 to 1 00
36 English Lawn Rake.....	75 to 1 25
37 Whittling and Pruning..... Knives.....	50 to 1 25
38-39-40 English Pruning..... Knives.....	50 to 1 00
41-42- Budding and Grafting Knives.....	50 to 1 25
43 Grafting Chisel.....	75
44 English Pruning Hook..... Knife.....	1 00
45 Dibber for transplanting...	30
46 Border Knives.....	60 to 1 25
47 Floral Sets of four pieces...	50 to 75
49 Warren Hoe very practical.....	75
50 English and American..... Grass Hooks.....	25 to 55

No	Price
51 Steel and Malleable Garden Rakes.....	25 to 60
52 English Lawn and Grass Scythe.....	1 50
53 English and American Spades.....	50 to 1 50
54 Latest Pattern Steel Garden Rakes.....	25 to 60
55 All styles of Shovels; large and small.....	50 to 75
56 Asparagus, Dock and Weed Digger.....	50
57 Weeders.....	50
58 Waters' Tree Pruner.....	1 00 to 1 50
59 Steel Trowels.....	10 to 50
60 Cleves' Angle Trowel.....	15 to 35
61 Watering Pot.....	25 to 75
62 Watering Pot.....	1 00
63-64-65-66 Weeders.....	15 to 30
67-68-69-70-71-72 Thermome- ters.....	20 to 1 50
73 Pruning Saws.....	75
75-76-77-78-79 Brass Syringes...	2 00 to 4 50
80 Double Leaf Rake.....	65

THE GOSHEN TANK HEATER

\$5.00.

SAVE FEED

by supplying your cattle and hogs with warm water. Feed is just so much fuel to the animal economy. It takes lots of extra feed to take the chill off of the cold water animals drink.

The GOSHEN TANK HEATER excels in the following points: Heavy galvanized steel sides, cast iron top and bottom—base cast to sides, double riveted and asbestos packed, perfect draft and ASHES CAN BE REMOVED WITHOUT DISTURBING THE FIRE and WITHOUT REMOVING THE FIRE POT. Burns soft coal, wood or cobs, and takes but a SMALL AMOUNT OF FUEL.

We make also the famous **GOSHEN STEEL TANKS**, which are arranged for this heater, when desired. We stake our reputation on this heater pleasing you. Write us for circulars and prices.

Sold only by F. H. Ebeling.





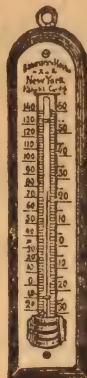
SEED AND GRAIN TRYERS.

Large Taper Tryer, Steel Point, Nickled,	Price, \$1.25
Small Straight,	Brass, 1.00
	Brass, .75

A LIBERAL DISCOUNT TO THE TRADE

Note Our List of Poultry Supplies on Last Page.

Buy Your Whips, Cutlery and Hardware of Us.



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WATERING POTS.

TROWELS.



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WEEDERS.



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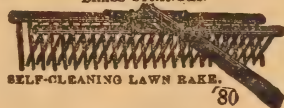
BRASS SYRINGES.



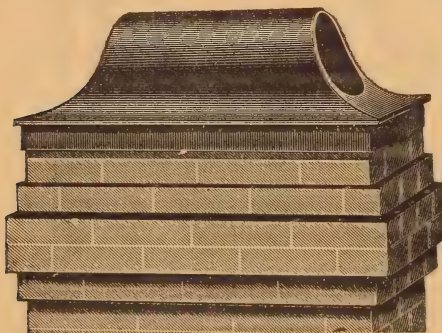
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CAST-IRON CHIMNEY CAP.

This cap is made of cast iron and covers the last or top course of bricks of the chimney entirely protecting it from the action of the weather. By its use all rain and snow are excluded, sparks are arrested and a good draft assured. By putting them on new chimneys much labor is saved in finishing, and they can easily be put on old ones. They will last a lifetime. The cap is both cheap and ornamental. Prices according to size of chimney.

RETAIL PRICE LIST.

Size Outside Chimney.	Price.	Size Outside Chimney.	Price.	Size Outside Chimney.	Price.
1½x2 Brick.....	\$1.00	2x2 Brick.....	\$2.50	2½x2½ Brick.....	\$3.50
1½x2½ ".....	2.50	2x2½ ".....	3.00	2½x3 ".....	4.00
1½x3 ".....	3.00	2x3 ".....	3.50	2½x3½ ".....	4.50
1½x3½ ".....	3.50	2x3½ ".....	4.00	2½x4 ".....	5.00
1½x4 ".....	4.00	2x4 ".....	4.50	2½x4½ ".....	5.50

SELECT FLOWER SEEDS.

- Abobra** (Gourds) Beautiful variety of climbing gourd with elegant foliage. 5c pkt.
- Abronia** (Sand Verbena) Trailing, annual, sweet-scented clusters like verbenas, lasting in bloom a long time; for rock-work or hanging-baskets. Height 12 inches. 5c pkt.
- Abutilon** (Chinese bell-flower or flowering maple) Free flowering, perennial shrub; fine for indoors. For outdoor sow before April. Will bloom first season. 10c pkt.
- Acacia** Half hardy shrub having ornamental foliage, beautiful shades of yellow, globular flowers. Soak seed in warm water before sowing. Height 6 to 10 ft. Mixed 10c pkt.
- Aconitum** (Monk's hood or Wolfsbane) Hardy, perennial, long spikes of odd shape blue and white flowers, adapted to shady corners or among shrubbery; 3 to 5 ft. 5c pkt.
- Acroclinium** Pretty, annual everlasting, 15 inches high, lovely white or rosy pink flowers, fine for border. Sgl. or dbl. 5c pkt.
- Adlumia** Hardy white perennial, 2ft. high, pure white double flowers, bloom from spring until frost, fine for cemetery decoration. Flowers first season if sown early.
- Adlumia** (Mountain fringe or Allegheny Vine) A hardy biennial climber, will resow itself year after year, feathery foliage resembling Maiden-hair Fern, flowers tube-shaped, flesh colored completely covering the plant, fine for trellises, stumps, etc. 10c pkt.
- Adonis** (Pheasant's eye) Flos Adonis, Showy, hardy, annual, of easy culture, fine cut foliage, blooms a long time; dark crimson flower with light center. Height 1 ft. 5c pkt.
- Ageratum** (Floss Flower) Fine bedding sort, literally a sheet of bloom from early summer until frost; not liable to be spoiled by rain, flowers not liable to fade; easily raised from seed. Sow in March or in hot-bed and transfer into open ground in June when weather is suitable; valuable for winter flowering for conservatory. 5c pkt.
- Blue Perfection** Dark blue, largest flowering, fine bedder. 10c pkt.
- Cope's Pet** Azure blue, fine light blue sort for edging, 10c pkt.
- Dwarf Princess Pauline** Beautiful, compact, sky blue, white center, very exquisite. 10c pkt.
- Mexicanum** Lavender blue, 1 1/2 ft. 5c pkt.
- Imperial Dwarf White** Height 8 inches. 5c pkt.
- Agrostemma** (Rose of Heaven) Free blooming, hardy, perennial, blooming first season, height 1 to 2 ft. Mixed 5c pkt.
- Alyssum** (Mad-wort) Pretty little plants for beds, vases, baskets, edging, etc. Bloom profusely all summer, also useful for winter. Very sweet-scented.
- Little Gem** (or Carpet of Snow) 4 to 6 inches in height, each plant covering a circle of 15 to 30 inches. 5c pkt.
- Sweet Alyssum** Trailing flowers, white. 5c pkt.
- Tom Thumb** Compact, dwarf, fine for edging, white. 5c pkt. 30c oz.
- Saxatile Compactum** (Basket of Gold,) handsome yellow flowers, hardy perennial, blooming first season, fine for rock work, 1 ft. 5c pkt. 30c oz.
- Amaranthus** Brilliant foliaged annuals, 3 to 5 ft. Useful in borders or centers of large beds. Do not plant too closely.
- Brilliant** Foliage bright red, ends of branches carmine-rose, red and yellow. 10c pkt.
- Caudatus** (Love lies Bleeding) Blood red, drooping foliage, 3 ft. 5c pkt.
- Salicifolius** (Fountain Plant) Pyramidal, drooping habit. 5c pkt.
- Sunrise** Bronzy crimson to brilliant scarlet. Fine for parks and large beds, 3ft. 10c pkt.
- Sulphurine** Leaves dark green, bright sulphur yellow. 10c pkt.
- Tricolor** (Joseph's Coat) Leaves red, yellow and green, 3 ft. 5c pkt. 30c oz.
- Ammobium** (Winged Everlasting) Grandiflorum, Pretty Border, annual ever-lasting, flower white with yellow disc. 5c pkt.
- Ampelopsis** (Boston or Japanese Ivy) Hardy, perennial climber, olive green leaves turning to scarlet in fall. Popular climber, fine for brick or stone walls. 10c pkt.
- Anemone** (Windflower) Hardy, perennial, large flowers, fine for bouquets. Mixed colors. 10c pkt.
- Antirrhinum** (Snap Dragon) White, yellow, scarlet, each 10c pkt. mixed colors. 10c pkt.
- Aquilegia** (Columbine) Charming, hardy, perennial, 1 to 3 ft., profuse bloomer, blue, white, rose, yellow, purple, striped, etc. Fine for borders. Sgl. mixed 5c pkt. Dbl. mixed 5c pkt.
- Arabis** (Rock Cress) Alpina very early, pure white, spring flower, appear as soon as snow disappears. Fine for rockeries or edging. 6 inches high. 10c pkt.
- Arctotis** Grandis, Beautiful new annual, 2 to 3 ft. high, large strong pure white flower embellished with yellow center, of the easiest culture. 10c pkt.
- Aristolochia Sipho** (Dutchman's Pipe) A quick growing climber with large heart shaped leaves. 5c pkt.
- Armeria** (Sea pink or cushion pink) Very pretty edging plant, bearing large tufts with rosy pink flowers, hardy perennial. 10c pkt.
- Asparagus** Plumosus Nanus Graceful climber, finer than most delicate ferns. Will last for weeks after being cut, easily cultivated. 25c pkt.
- Sprengeri** One of the best for hanging baskets or general purposes, fronds 4 ft. long. 10c pkt.
- Verticillatus** Graceful, hardy perennial climber, scarlet berries. 10c pkt.
- Asperula Odorata** (Sweet Woodruff) Fragrant leaves and stems, grown in shaded places, white flowers. 5c pkt.
- Asters** are now one of the most important summer and autumn flowers. Their immense popularity and world-wide demand shows their adaptability to any soil or climate, there being early medium and late flowering sort which extends the blooming period from early July until frost. For the best results the ground should be very rich. Good results can be obtained from ordinary garden soil.
- Branching Varieties** 1 1/2 ft. high., very double, beautifully incurved. Crimson 10c, blue 10c, pink 10c, white 10c, rose 10c, mixed 10c.

Asters (Continued).

- Branching Peony Flowered** In vigor of growth, size of bloom and other qualities this type is unequalled. Height about 18 inches, free branching habit with long stems. Crimson 10c, blue 10c, white 10c, mixed 10c.
- Comet** Beautiful with long curled petals resembling the Japanese Chrysanthemum, height 15 inches. Carmine 10c, pink 10c, blue 10c, mixed 10c.
- Giant Comet** Similar to the above but of stronger growth, 18 to 24 inches high. Pure white 10c, white and rose 10c.
- Giant Branching Comet** Very strong growth, 18 inches high, branching habit, flowers of large size on long stems. 10c pkt.
- Queen of the Market** The earliest flowering Aster, blooms three weeks in advance of the general run, flowers good size on long stems. Fine for cutting. Crimson 10c, pink 10c, purple 10c, white 10c, mixed 10c.
- Victoria** Magnificent bedding or cutting variety, flowers large beautifully imbricated, 1 1/2 ft high. Scarlet 10c, purple 10c, blue 10c, pink 10c, white 10c.
- China Mixed** Very fine, all colors 5c.
- Quilled Aster** Double or quilled petals, fine for bouquets. 2 ft. 5c pkt.
- Crown or Cocardeau** Very showy, double white center, mixed colors, 1 1/2 ft. high 10c pkt.
- Daybreak** Grand variety of symmetrical growth and habit. 18 inches high, globe shaped, double, delicate, pink tint. 15c pkt.
- Dwarf Chrysanthemum** Large flowering, dwarf, double, excellent for plants and pots. Mixed 10c pkt.
- Fire-Ball** Magnificent, double, brilliant, deep scarlet 10c.
- Japanese or Tassel** Entirely distinct, new pyramidal shape, 18 inches high, long stems, flowers five inches across, wavy twisted, needle shaped petals, very graceful. Mixed 10c pkt.
- Ostrich Feather** Magnificent, resembling the Comet, flowers of immense size of loosely formed petals, equaling the best Japanese Chrysanthemums. White or pink 15c each.
- Rose flowered** Large double, pyramidal, height 2 ft. Mixed colors 10c.
- Snow Ball** A beautiful distinct sort, short petals, pure white 10c.
- Washington** Splendid, very large, double, diameter 6 inches. White 15c.
- Perennial Single** Hardy. Does well in any garden soil. If sown early will flower in early season. 10c pkt.
- Bachelor's Buttons** (See Globe Amaranth).
- Balloon Vine** (Love-in-a-Puff) Rapid growing annual climber, white flowers, seed vessels look like miniature balloons. 5c pkt.
- Balsams** (Lady Slipper) Double, camellia flowered type, and old favorite, gorgeous brilliant colored, double flowers in great profusion, easily cultivated, 2 ft. high.
- Prince Bismarck** Salmon, pink, double. 10c pkt. Scarlet, yellow, violet and mixed each 5c. White 10c.
- Baptisia** (False Indigo) Beautiful, hardy, perennial, pea-shaped flowers on spikes 6 inches long, bright blue 2 1/2 ft. 5c pkt.
- Bartonia** Showy yellow flowers, very brilliant, cannot be transplanted. 5c pkt.
- Begonias** Fine bedding variety, equal to geraniums, sturdy growth, 1 ft. high, forming dense bushes completely covered with flowers from May until frost. Unequalled as pot-plants for winter flowering and will remain in bloom the entire year. Easily raised from seed. Double mixed 25c, single mixed 15c.
- Tuberous Rooted Begonias** Plants of great value for summer decoration or window gardening, bloom first season from seed if sown in February, transplanted as soon as weather permits, produce flowers the entire summer. Double mixed 25c, single mixed 25c.
- Ornamental Leaved Begonias** Beautiful, variegated foliage. Mixed 25c.
- Bellis** Double Daisy, very handsome spring-flowering plant, 5 pkt.
- Brachycome** (or Swan River Daisy) Dwarf, annual, profuse bloomer, pretty blue or white flowers. 5c pkt.
- Calceolaria** (Lady's Slipper) Ornamental plant with mass of beautiful pocket-like flowers, blooms early and very fine for decorating green-house or conservatory.
- Hybrida Grandiflora**, 20 inches high. Mixed, 25c.
- Tigrina** Large tiger spotted brilliant colors 25c.
- Calendula** (Pot Marigold) Very showy, free-flowering until frost, hardy annual, grows in any good soil, fine for beds or mixed borders, fine for pot culture, height 1 ft.
- Meteor** Large double yellow, striped with orange 5c.
- Orange King** Large double orange red flowers 5c.
- Pure Gold** Fine Golden Yellow 5c.
- Mixed per pkt. 5c.
- Pluvialis** (Cape Marigold) White daisy-like flowers, under side of petals lilac, 5c.
- Calliopsis** (See Coreopsis) Showy, free-flowering annual, blooms all summer, fine for cutting and massing. 5c pkt.
- Coronata** Large yellow, fine for bedding 5c.
- Golden Wave** (Drummondii) Large golden yellow with brown center, fine for borders. 5c.
- Tinctoria** Golden with garnet eye 5c.
- Nigra Speciosa** Crimson 5c.
- Campanula** (Bellflower) Favorite, hardy herbaceous with great profusion of bell flowers, thrives in light rich soil.
- Carpatica** Blue and white mixed, bloom the whole season, 6 inches 5c.
- Periscifolia Grandiflora** Fine hardy bell flowers 2 to 3 ft. blue or white. Mixed 10c.
- Canary-Bird Vine** (Tropaeolum Canariense) Handsome annual, rapid climber, charming little canary-colored blossoms bearing a fancied resemblance to a bird with wings half expanded 5c.
- Candytuft** (Iberis) A great favorite, fine for cutting, looks best in beds or masses. Sow in spring, will bloom until frost, very hardy, easily cultivated. Single plants look well and bloom profusely, 1 ft.
- Carmine** 5c.
- White** 5c.

Candytuft (Continued)**Crimson** 5c.**Empress** A complete mass of pure white flowers 10c.**White Rocket** 5c.**Lavender** 5c.**Mixed colors** 5c.**Perennial mixed** 10c.

Canna (Indian Shot) Without exception one of the handsomest bedding plants. Soak the seeds in warm water until they show evidence of swelling. When the second leaf is out pot singly and keep under glass until proper season for planting out. Mixed colors 10c.

Canterbury Bell (*Campanula Media*) Sgl. mixed 5c. Dbl. mixed 5c.

Cup and Saucer (*Calycanthemum*) Fine white, blue and rose, resembling cup and saucer. 5c.

Carnation (See *Dianthus*) Great favorite for their delicious fragrance and richness of color, indispensable for winter or summer culture. Dbl. mixed. 10c.

Marguerite Carnations Very popular, as they begin flowering a few weeks from time of sowing, half-dwarf, strong, requiring no support, produce long, strong stems, abundant large double, beautifully fringed, highly-scented flowers.

Mixed colors 10c.

Castor Oil Bean (See *Ricinus*).

Celosia or Cristata or Cockscomb Varieties Free-blooming annuals, plant in light soil not too rich, grand for border and fine for pots.

Empress Combs of Colossal size, known to measure 45 inches from tip to tip; rich crimson 10c

Glasgow Prize Dark Crimson 10c.

Dwarf 8 inches high, sometimes measure 2 ft. across 10c.

Mixed Dwarf 5c.

Centaurea Under this name is included the popular annuals like Corn Flower, Blue Bottle, Ragged Sailor, Sweet Sultans, etc. Great favorites, fine for cut flowers; white-leaved sorts, or Dusty Millers are largely used for bedding, vases, etc.

Sweet Sultans (*Centaurea Imperialis*) Beautiful, sweet-scented, strong stems, when cut will stand for several days in good condition of easy culture. Mixed colors 10c. Named colors 10c.

Giant Sweet Sultans (*Centaurea Oderata*) or Giant Cornflowers, easy to cultivate, flowers 2 to 4 inches in diameter, very graceful, sweet-scented.

Chameleon Pale yellow turning to a beautiful rose 10c.

Oderata Reddish lavender, very fragrant 10c.

Margarite White 10c.

Cheiranthus (See Wall Flower) Mixed 5c pkt.

Chrysanthemums Annual sorts, showy, effective garden favorites. Dbl. mixed 10c pkt. sgl. mixed 10c pkt.

Cineraria Seed may be sown from May to September in succession. Where only one sowing is made July should be preferred. Cinerarias grow so freely that the seedling may go straight from seed-pans to thumb-pots. For transplanting, plant in a cold frame facing north, if possible. When pots become full of roots shift into larger ones until the flowering size is reached.

Dwarf Mixed 25c per pkt.**Tall Mixed** 25c per pkt.**Double Flowering** 25c per pkt.

Stellata (Star Cineraria) A charming variety with large spreading panicles of starry flowers. Same colors as the common Cineraria. The grace and elegance of the plant and flowers make them very effective for house or conservatory decoration; especially fine for church decoration and very useful for cutting. 35c.

Cineraria (White Leaved Sorts)

Dusty Miller Fine for bedding and margins, valued for their beautiful, downy, silvery foliage, half hardy perennial; 2 ft.

Maritima Candidissima Silvery foliage 5c pkt.

Acanthifolia Silvery foliage 10c pkt.

Clematis Rapid-growing climber, fine for arbors and verandas. Seeds are slow to germinate, and should be soaked in warm water 24 hours; hardy perennial mixed colors. 10c pkt.

Cliaanthus (Australian Glory Pea) Beautiful, tender, perennial shrub with clusters of brilliant pea-shaped flowers, 3 inches in length, with large black blotch for center. 10c pkt.

Cobaea (Cups and Saucers Vine) A rapid climber, fine for trellises, arbors, etc., clings to any rough surface. Place seeds in the ground edgewise and cover with light soil.

Purple 10c pkt. pure white. 10c pkt.

Coccinea Indica (Scarlet-fruited Ivy-leaved Climber) Handsome, annual, gourd species with beautiful glossy ivy-like leaves, contrasting with the fine snow white bell-shaped flowers and bright carmine fruit. 10c pkt.

Coleus (Flame Nettle) An attractive foliage plant for house or garden, very interesting to grow from seed, easily raised; sow in March or April. 10c pkt.

Convolvulus (Morning glory) Climbing varieties, very popular and one of the most free-flowering, rapid-growing plants in cultivation; doing well in almost any situation, with beautiful brilliant flowers; annuals, 15 ft. Mixed colors 15c oz. 5c pkt. Dwarf per oz. 15c. 5c pkt.

Coreopsis (See *Calliopsis*) A very fine hardy plant with large, showy bright, yellow flowers, produced in great abundance from June until frost, especially fine for cut flowers having long stems and lasting in good condition a week or more. These grow from seed, flowering the first year if sown early. 5c pkt.

Cosmos Beautiful autumn-blooming plant, producing thousands of beautiful flowers in pure white, pink and crimson shades; fine for autumn decoration when other flowers are scarce. Sow in spring in open ground when danger of frost is over, or may be started under cover and transplanted. Set about 18 inches apart in rows or in masses in beds. When about a ft. high pinch the tops out to induce a bushy growth., 2 1-2 to 4 ft. in height.

Crimson, 5c.**Pink** 5c.**White** 5c.

Cosmos (Continued)**Mixed** 5c pkt.**Dwarf** 5c pkt.**Cucurbita** (See Ornamental Gourd)**Cyclamen** Charming plant with richly colored foliage, fragrant flowers. Great favorites for winter or spring. Sow in spring or autumn.**Persicum** Choicest mixed. 15c pkt.**Pure white, dark red, rose** each 25c pkt.**Cyperus** (Umbrella Plant)**Alterdifolius** Excellent for growing in water or damp places. Very ornamental house plant. 10c.**Cypress Vine** (*Ipomaea Quamoelit*) A favorite summer climbing annual, with feathery foliage and star-shaped flowers borne in clusters.**White** 5c pkt.**Scarlet** 5c pkt.**Rose** 5c pkt.**Mixed colors** 5c pkt.**Dahlia** One of the best late summer and autumn flowering sorts, very popular. The double sorts will bloom first season if sown early. Single will bloom first season if sown in the open ground. Many prefer the single sorts to Cosmos, having the larger variety of colors and longer season of bloom.**Double, finest mixed** 10c.**Single, finest mixed** 10c.**Single Tom Thumb, dwarf, 1 ft.** 10c.**Datura** (Trumpet Flower) Ornamental annuals, large showy flowers; 2 to 3 ft. Dbl. and sgl 10c pkt.**Delphinium** (Perennial Larkspur) One of the handsomest hardy perennials, splendid flowers and curiously cut leaves: for permanent beds and borders they are indispensable.**Zalil** (Hardy Yellow Larkspur) Produces very long spikes of 40 to 50 sulphur yellow blossoms, each 1 inch in diameter; flowers from June to August, plant thrifty and bushy; 3 to 4 ft. 10c pkt.**Formosum** Popular for groups, tall spikes of dark blue flowers with white eyes; 2 to 3 ft. 5c pkt.**Nudicaule** Large scarlet flower; 1 1-2 ft. 10c pkt. **Mixed finest single** 5c pkt. mixed 10c pkt.**Dianthus or Pinks** A magnificent sort embracing some of the most popular flowers in cultivation, of great variety and brilliancy with profusion of bloom. The sorts classed as annuals may be sown out-of-doors when danger of frost is past. In a few weeks time they are a mass of bloom continuing until frost; 1 ft.**Double Annuals****Chinensis Fl. Pl.** (China or Indian Pink). **Mixed colors** 10c.**Heddewigi Fl. Pl.** (Japan Pink) **Double mixed** 10c.**Snowball** Double white, fringed, very fine 5c pkt.**Imperial Fl. Pl.** (Double Imperial Pink) **Mixed** 10c.**Salmon King** A double flowering variety, finely fringed flowers of a brilliant salmon color 10c. changing as they fade to a salmon-rose; charming for beds or borders. 10c pkt.**Single Annuals** All single sorts have large flowers 2 to 4 inches in diameter, fine for beds or borders; 1 ft. high.**Heddewigi Nobilis** (Royal Pink) Beautifully fringed, colors run from white to dark red 10c.**Heddewigi** (Japan Pink) 10c.**Laciniatus Fl. Pl.** (Double Fringed Pink) Large, double, showy flowers, with fringed edges and beautifully striped; mixed various colors. 5c.**Hardy Garden Pinks** The varieties are well adapted for beds and borders; delightful, refreshing, spicy odor, should be in every garden where cut flowers are wanted.**Semperflorens** (Ever-blooming hardy garden Pinks) Very beautiful, sweet-scented, double semi-double and single in great diversity of colors, mixed colors. 25c.**Dianthus** (See Carnation) Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable for the green-house in winter and the garden in summer. The Marguerite is one of the best for summer flowering.**Fine Double Mixed** The best for garden culture 10c pkt.**Marguerite** These are the most popular of carnations with the amateur, as they begin flowering within a few weeks from the time of sowing. Our strain is of semi-dwarf, robust habit requiring no artificial support, and produces on long strong stems an abundance of large double, beautiful fringed, highly scented flowers. Separate colors 10c. **Mixed, all colors, Marguerite Carnation** 10c.**Didiscus** Very pretty annual, blooms profusely from July to November, pale lavender blossoms excellent for cutting. 15c pkt.**Digitalis** (Foxglove) Handsome ornamental hardy perennial plant, easily grown, fine for shrubberies; 3 ft. **Mixed colors, 10c pkt.****Dolichos** (Hyacinth Bean) Rapid annual climber with large clusters of handsome flowers producing later in place of flowers, pods of a deep purple, very ornamental, mixed colors. 10c pkt.**Dracæna** (Dragon Plant) Fine ornamental leaved plant. **Mixed colors. 25c pkt.****Echinocystis** (Wild Cucumber Vine) Quickest growing vine known, fine for covering trellises, fences, etc. 5c pkt.**English Daisy** (*Bellis Perennis*) A favorite almost hardy perennial blooms from early spring until late in summer, easily raised from seed, 4 inches high. **Dbl. mixed, finest quality** 10c. **Red, white or pink** 10c.**Erigeron** (Flea-bane) An attractive, asterlike flower, 1 inch across, purplish-rose with golden center, hardy perennial, blooms first year from May until frost if sown early. 20c pkt.**Eryngium** (Sea Holly) Handsome ornamental, hardy plant 2 to 3 ft. high. Fine for drying for winter bouquets. 15c pkt.**Eschscholtzia** (California Poppy) Fine annual for beds, border or masses, bloom until frost; 1 ft. **Sgl. mixed** 5c pkt. **dbl mixed** 5c pkt.

- Euphorbia** Strong, tall-growing annual, attractive foliage. 10c pkt.
Forget-me-not (See *Myosotis*) 5c.
Four o'clock or *Mirabilis* 5c.
Fox Glove (See *Digitalis*)
Fuchsia (Lady's Eardrops) Well-known sort of easy culture, for house or garden, mixed colors. 25c pkt.
Gaillardia (Blanket Flower) Splendid showy annual, remarkable for profusion, size and brilliancy of flower, bloom until frost, fine for beds, borders or cutting; 1 1-2 ft. Mixed colors, annuals 10c pkt. Mixed colors, perennials, 5c pkt.
Geranium (*Pelargonium*) Double mixed, fine color 30c pkt.
Globe Amaranth (*Gomphrena*) Known as Bachelor's Buttons, fine bedding plant, flowers can be dried and be used in winter bouquets; 2 ft. mixed colors. 10c pkt.
Gloxinia A superb greenhouse sort with magnificent rich colored flowers; do best in equal mixture of peat, loam and sand, mixed colors. 25c pkt.
Godetia An attractive, hardy annual, profuse, showy flowers of varied colors; 1 1-2 ft. Mixed colors. 10c pkt.
Gourds Ornamental (*Cucurbita*) Rapid-growing, annual climbers, ornamental foliage; 15 to 20 ft. Mixed colors. 5c pkt.
Grasses, Ornamental These serve the double purpose of rendering mixed flower-beds or borders attractive in summer and for use in a dried state in winter bouquets, for large beds or groups on lawns, nothing gives a finer effect; largely used in public parks.
Arundo Donax (Great Reed) Hardy perennial. 10c.
Briza Maxima Fine for grass bouquets. 5c.
Bromus Brizaeformis Graceful, drooping perennial. 5c.
Coix Lachrymae (Job's Tears) Broad, cornlike leaves, annual. 5c.
Erianthus Ravennae (Hardy Pampas) Beautiful perennial. 5c.
Gynierium Argenteum (Pampas Grass) Perennial, blooms the second season. 10c.
Stipa Pennata (Feather Grass) Perennial, beautiful white, delicate begins to bloom the second season; 2 ft. 5c.
Gypsophila Pretty, free-flowering plant for rock work, edging, etc. Mixed colors. 5c pkt.
Helianthus (See Sunflower)
Helichrysum (Straw Flower) Fine, everlasting double flowers, fine for display; hardy annuals 2 ft. Mixed colors. 5c.
Heliotrope (Cherry Pie) Half-hardy perennial, flowering the whole season, very fragrant. Can also be trained as a greenhouse climber. Mixed colors. 10c.
Hibiscus (Marshmallow) Showy, perennial plant with large beautiful colored flowers; 1 1-2 ft. Mixed colors. 10c.
Hollyhocks One of the most majestic of hardy plants, so well known that it needs no further description.
 In separate colors. 10c.
 Choice single mixed colors. 10c.
 Choice double mixed. 10c.
Honesty (Moonwort Satin Flower) Hardy biennial, with silvery seed pouches, very attractive; 2 ft. 10c.
Humulus (Japanese Hop) Ornamental, fast-growing climber resembling the common hop. 10c
Impatiens (Sultans or Zanzibar Balsam) Charming plant for decorating greenhouse or dinner table, producing bright, waxy looking flowers. Mixed colors. 25c.
Ipomoea Climbers of very rapid growth, beautiful, varied flowers; for covering walls, arbors, stumps, etc.
Coccinea (Star Ipomoea) Small scarlet flowers 5c.
Bona Nox (Evening Glory) Violet, large fragrant flowers, expanding in the evening. 5c.
Rubra Cœrulea (Heavenly Blue) Bright sky blue. 10c.
Grandiflora (Moon Flower) Blooms at night and on dull days, pure white flowers, 5 to 6 inches in diameter, rapid climber, 10c.
Job's Tears (*Coix Lachrymae*)
Kenilworth Ivy (See *Linaria*)
Lady Slipper (See *Calceolaria*)
Lantana One of the most desirable half-hardy perennials, constantly in bloom, verbena-like heads of orange, white, rose and other colors; 2 to 5 ft. Mixed colors 10c.
Imperial Japanese This variety without question the handsomest of all Morning Glories. Sow in good soil as soon as weather permit, a strong vigorous climber, flowers of gigantic size, remain open most of the day. The colorings are beyond description. Choice mixture 10c.
Larkspurs (See *Delphinium*) One of the best known garden flowers, hardy annuals
Dwarf Rocket 1 ft. Mixed colors 10c. Dbl. mixed 10c.
Double Stock Flowered Tall branching sort; 2 ft. 5c.
Lathyrus (Everlasting or Hardy Sweet Pea) Free-flowering hardy perennial climber continually in bloom. Mixed colors. 5c pkt.
Lavender (*Lavandula Vera*) Well-known, sweet-scented, hardy perennial; 3 ft. 5c pkt.
Linaria (Kenilworth Ivy) Charming small, hardy perennial, trailing plant. 10c pkt.
Linum (Scarlet Flax) A very showy bedding plant, brilliant scarlet, excellent bloomer, hardy perennial; 1 ft. 5c pkt.
Lobelia (Cardinal Flower) Popular flowering plant for pots, hanging baskets, etc. Bloom profusely from June to November, hardy perennial.
Crystal Palace Rich deep blue. 10c pkt.
Crimson, white or blue 10c pkt. Mixed colors 5c pkt.
Hardy Perennial Lobelias (Cardinal Flower) Brilliant scarlet; 3 ft. 10c pkt.
Lophospermum Beautiful climbing plant, trumpet shaped flower, 10 ft. 10c pkt.
Lupinus Ornamental free-flowering annual, various colored, pea-shaped flowers; 2 ft. 5c pkt.
Lychnis Handsome hardy perennial, easy culture, fine for beds and borders. Mixed colors 10c.
Marigold (See *Tagetes* also *Calendula*. French Varieties) An old favorite, free-flowering.
Double Yellow 10c pkt.

Marigold (Continued)**Single Yellow** 10c pkt.**Mixed colors** 5c pkt.**African varieties****Double yellow** 10c pkt.**Large African Tall**, double yellow; 2 ft. 5c pkt.**Signata Pumila** A dwarf, compact, bushy annual marigold with beautiful delicate fern-like leaves, densely covered with flowers of bright yellow striped brown; fine border plant. 5c pkt.**Matricaria** (Feverfew) Free-flowering, blooms until frost, hardy annual; 18 inches. Dbl white. 10c pkt.**Maurandia** Beautiful, slender-growing climber, half-hardy perennial; 10 ft. Mxd colors 10c.
Mesembryanthemum (Ice Plant) Dwarf trailing plant of great beauty, blooming the whole summer, half-hardy annual; 6 inches. 5c pkt.**Mignonette** (Reseda) A popular favorite, sown in April and again in July, will keep up a succession of bloom until frost; also suitable for pots, very fragrant, (orange) 15c pkt.**Golden Machet** 10c.**Miles** Spiral spike; 8 to 10 inches long, very fragrant. 5c.**Improved red** 5c.**White** Very fragrant. 5c.**Sweet scented** Old popular variety, small spikes, very fragrant. 5c.**Mimosa** (Sensitive Plant) A curious, interesting annual with pinkish-white flowers, leaves close and droop when touched or shaken. 5c pkt.**Mimulus** (Musk Plant) Very showy, profuse-flowering plant, half-hardy perennial, blooms first year if sown early; 1 ft. 5c pkt.**Tigrinus** (Monkey Flower) Spotted variety. 5c.**Moschatus** (Musk Plant) Fine for hanging baskets, small yellow flowers, fragrant foliage. 5c.**Palustris** The true forget-me-not, beautiful blue flower; 6 inches. 10c.**Mirabilis** (See Four o'clock) 5c pkt.**Momordica** Very curious climber, ornamental foliage, fruit golden yellow, opens when ripe, showing the seed and its beautiful carmine interior, fine for rock-work, etc., annual 10 ft. 5c.**Morning Glory** (See Convolvulus)**Musa Ensete** (Abyssinian Banana) A splendid plant for open ground, producing a most striking effect when planted singly or in groups, thrives best in hot seasons, growing very large, 10 to 20 ft, especially when freely supplied with liquid manure. Seeds germinate easily if started in hot bed; tender perennial. 25c.**Musk Plant** (See Mimulus)**Myosotis** (For get-me-not) A pretty, small, double, aster-like flower, half-hardy perennial, blooms first year if sown early, bright blue; 6 inches. 5c.**Nasturtium** (Tropaeolum) For ease of culture, duration of bloom, brilliancy of color and general all around purposes nothing excels this popular variety. Plant in moderately good soil well drained, sunny position, quick growing and bloom profusely until hard frost comes. Tall Climbing Sorts. Crimson 5c, lilac 5c, yellow 5c, white 5c, purple 5c, rose 5c, mixed 5c.**Lobb's Climbing Nasturtium** Scarlet, white, red. 5c each.**Tom Thumb** No collection of flowers should be without Nasturtiums, they grow so freely and afford such a variety of rich bright colors. As a cut flower there is nothing more effective, sweet-scented and pleasing in every way.**Tall** Varieties mixed. 10c oz. 5c pkt.**Dwarf** Varieties mixed. 15c oz. 5c pkt.

Our mixture of Nasturtiums is the finest in the country.

Nasturtium Dwarf Aurora, very fine 5c pkt.

" " Beauty, yellow and scarlet, 5c pkt.

" " Bronze, 5c pkt.

" " Cardinal (Dark scarlet) 5c pkt.

" " Cloth of Gold (Light foliage) 5c pkt.

" " Crystal Palace dwarf, 5c pkt.

" " Empress of India (Dark leaves) 5c pkt.

" " King of Tom Thumb, 5c pkt.

" " King Theodore, very dark, 5c. pkt.

" " Ruby King, 5c. pkt.

" " Flammulum, Grandiflorum, tall. Scarlet and yellow, extra fine, 5c pkt.

Nicotiana (Tobacco Plant) Delightful, sweet-scented, pure white tubular flower, blooming continuously; annual; 2 to 3 ft. 5c pkt.**Nigella** (Love in a Mist, or Devil in the Bush) A compact, free-flowering plant with curious looking flowers and seed-pods; of easy culture; hardy annual; blue and white mixed; 1 ft. 5c pkt**Ornamental Grasses** (See Grasses)**Pansies** Are so well known that no description is necessary. Sow early and transplant. Our pansies are imported direct from the grower and are equal to the best that are offered. Fine mixture of leading shades and colors 10c.

Extra choice mixture of best large flowering varieties, 25c.

Giant Trimaudeau Pansies

Fine mixed 10c.

Cardinal, fine scarlet, very showy 10c.

King of the Blacks 10c.

Golden Yellow 10c

Emperor William 10c.

Light Blue 10c.

Snow Queen 10c

Pure Yellow 10c.

Violas or Tufted Pansies While the Pansy Proper is a spring flower, violas flower throughout the entire season. Seeds sown in spring produce flowering plants by June which bloom until frost. Splendid mixed colors, fine varieties. 10c.

- Passiflora** (Passion Flower) Fine climbing plant for garden or greenhouse with a profusion of attractive flowers; mixed. 10c.
- Pentstemon** (Beard-Tongue) One of the most beautiful attractive herbaceous plants; bearing long graceful spikes of rich colored flowers; if sown early and transplanted in May will bloom in July until frost, half-hardy perennial; 2 ft. mixed colors 10c.
- Perilla** Foliage a dark purple, annual; 2 ft. 5c pkt.
- Petunia** For outdoor decoration or house culture few plants equal the Petunia. Commence flowering early and continue a mixture of bloom until killed by frost, easily cultivated, requiring a good soil and sunny position.
- Superb double fringed.** 50c.
- Double Large Flowering** fine mixture. 25c.
- Single Varieties**
- Ruffled Giant** Very large, in great variety of colors 25c.
- Fringed Giant,** Very fine. 35c.
- Snowball** Pure white. 10c.
- Striped and Blotched** Small flowering. 5c.
- Fine mixed, all colors. 10c.
- Phlox Drummondii** Of all summer flowering annuals this variety is unquestionably one of the most brilliant and satisfactory. Seed may be sown in open ground after danger of frost is past and in a few weeks the beds or borders are all aglow with their brilliant coloring until cut down by the frost. For early flowering they should be started indoors.
- Phlox Drummondii** Mixed colors. 5c pkt.
- White 10c, pink 10c, rose 10c, scarlet 10c, red 10c.
- Dwarf Phlox** This strain of dwarf, compact habit, makes a desirable pot plant, also for ribbon lines and massing; 6 inches high.
- Scarlet, white, pink, mixed colors. 10c.
- Double Phlox** Especially fine for cut flowers, lasting better than the single sorts. Sow in light soils. Mixed colors 10c.
- Star Phlox** (Star of Quedlinburg) Dwarf, pretty star-shaped flower. Mixed colors 10c.
- Hardy Perennial Phlox** All colors, mixed 10c.
- Pinks** (See Dianthus)
- Poppies** An extremely popular brilliant flowering annual. Poppies should be sown where they are to remain, as they will not stand transplanting.
- Single Annual Poppies** Shirley's selected Strain 10c, scarlet 5c, white 5c.
- Tulip Poppy** 14 inches high, producing many large tulip-shaped scarlet flowers. 10c. Single mixed 5c.
- Oriental Poppy** Perennial, exceedingly showy, scarlet with black centre. 10c pkt.
- Double Annual Poppies** Mixed colors 5c.
- Paony Flowered** Large showy, double mixed colors 5c.
- Portulaca** (Sun Plant) Fine hardy annual, of easy culture, thrives best in rather rich light sandy loam and sunny situation, flowers of richest colors, blooming throughout the summer in great profusion, fine for beds, edging or rockwork; 6 inches. Sgl. mixed 5c. Dbl. mixed 10c.
- Primula** Charming beautiful Chinese Fringed Primrose, fine for winter or spring decorations. One of the most important winter-blooming pot plants, sow from March to May. White 50c pkt. scarlet 50c pkt. pink 50c pkt. crimson yellow eye 25c pkt. mixed colors 25c pkt. Double white 50c pkt. Double mixed 50c pkt.
- Pyrethrum** Handsome herbaceous plants of easy culture so much used for bedding edging etc.
- Aureum** (Golden Feather) Bright yellow foliage, 10c.
- Double mixed 25c, single mixed 10c.
- Reseda** (See Mignonette)
- Rhodanthé** (Swan River Everlasting) A charming annual; does well in a light rich soil and warm sheltered situation. Fine for pot culture, flowers everlasting. Mixed colors. 5c.
- Ricinus** (Caster Oil Bean) Ornamental plant of stately growth and picturesque flowers, brilliant colored fruit; fine for lawns or center plants for beds, mixed all colors. 5c.
- Borboniensis** 15 ft. 5c.
- Gibsoni** 5 ft. 5c.
- Philippiensis** 10 ft. 5c.
- Salpiglossis** (Painted Tongue) One of the greatest favorites among annuals. Partly on account of its easy culture, but mostly for its beautiful, almost orchid-like flowers. Mixed sorts 5c pkt.
- Salvia** (Flowering Sage) A favorite bedding plant, bearing long spikes of flowers in great profusion from July until frost, half-hardy perennial, blooms the first year from seed sown indoors and transplanted when weather permits.
- Splendens** (Scarlet Sage) Beautiful bright scarlet. 10c pkt.
- Patens** (Blue Sage) 5c.
- Scabiosa** (Mourning bride or Sweet Scabious) A very handsome and autumn border plant with great profusion of very double flowers. Splendid for table bouquet; hardy annual; 2 ft. Double mixed. 10c pkt.
- Scarlet Runner Beans** Great favorite of England and continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet blossoms. 5c pkt.
- Schizanthus** (Butterfly or fringe flower) Splendid annual with a profusion of various colored flowers; fine for greenhouse decorations and flower garden, of easy culture. Mixed. 5c pkt.
- Smilax** (Myrsiphyllum Asparagoides) In many respects the Smilax is the most useful, and certainly one of the most graceful climbers; for bouquets and floral decorations it is indispensable. Soak seed in warm water for 12 hours and plant in pots. A tender perennial; white; 10 ft. 10c pkt.
- Solanum** (Jerusalem Cherry) Very useful pot plant for winter decoration, dwarf branching habit, leaves small and oval shaped, bearing in great profusion bright scarlet globular berries 1 ft. 10c pkt.
- Stocks** (Gilliflower) The stock is one of the most popular annuals, either for bedding or pot culture, for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed.

Stocks (Continued)

Large Flowering 10—Weeks Stocks Red 10c, blue 10c, pink 10c, purple 10c white 10c, yellow 10c, mixed colors 10c.

Cut-and-come-again 10-weeks stock Splendid perpetual blooming class. Sow March or April. They begin flowering in June, continuing until frost, and are especially valuable from September to October when other flowers are scarce. They throw out numerous side branches, all bearing fine double flowers. Excellent for cutting. White 10c, rose 15c, red 15c, blue 15c. Fine mixed colors. 10c pkt.

Brompton Stock Half-hardy Biennial, double flowers; 2 ft. Mixed colors. 10c pkt.

Sunflower Remarkable for their stately growth, size and brilliancy, making a very showy effect among shrubbery and for screens. Single sunflowers are indispensable for cutting. Sow in a sunny spot in April or May. They come into bloom early in summer and keep up a constant supply of flowers until cut down by frost. 5c pkt. Single dwarf or miniature sunflower 10c pkt. Giant Sunflower, 8 ft. 5c pkt.

SWEET PEAS Ebeling's cream of the named Sweet Peas. This is a select list of giant-flowering varieties. We have discarded all small-flowering sorts and duplicates under different names.

America Crimson scarlet, striped on white, large size. 5c pkt. 10c oz.

Blanche Ferry Extra early. The popular pink and white. Comes into flower ten days earlier than others. 5c pkt. 10c oz.

Countess of Latham Creamy pink, very rich; a charming tint. 5c pkt. 10c oz.

Dorothy Eckford The grandest, pure white; very large, producing enormous mass of blooms. 5c pkt. 10c oz.

Fashion Rose magenta, medium size, hooded form. 5c pkt. 10c oz.

Gladys Unwin Pale rosy pink; 75 per cent contain four blooms, which is most unusual. 5c pkt. 10c oz.

Gorgeous Brilliant orange salmon. 5c pkt. 15c oz.

Gray Friar Heliotrope, large size, hooded form. 5c pkt. 10c oz.

King Edward VII Bright red, giant flowering, very fine, strong stems. 5c pkt. 10c oz.

Lady Grisel Hamilton The finest pale lavender. 5c pkt. 10c oz.

Lottie Eckford White shaded lilac, white shaded, and edged lavender blue. 5c pkt. 10c oz.

Lovely Warm rose, pink, large and extra fine.

The Hon. Mrs. E. Kenyon The finest primrose; yellow. 5c pkt. 15c oz.

Miss Wilmot Large orange pink, of enormous size, wings a shade lighter. 5c pkt. 10c oz.

Modesty White, with tint of pink showing a little deeper on the edges. 5c pkt. 10c oz.

Navy Blue Deep indigo blue, medium size. 5c pkt. 15c oz.

Othello Deep maroon, very dark maroon, fine form and large size. 5c pkt. 10c oz.

Prima Donna Soft pink; a magnificent rich, pure pink; very fine. 5c pkt. 10c oz.

Prince of Wales The finest bright rose. 5c pkt. 15c oz.

Princess of Wales Purple, with wings of blue striped on white. 5c pkt. 10c oz.

Mrs. Walter Wright Deep mauve, an exquisite shade, very large hooded form. 5c pkt. 10c oz.

Double Flowering Sweet Peas Finest mixed colors. 5c pkt. 10c oz.

Cupid Dwarf or Bedding Sweet Peas. Mixed colors. 5c pkt. 10c oz.

Sweet Peas Mixed Price, 5c pkt: 10c oz; 20c 1-4 lb: 60c lb. Our mixture of sweet peas are mixed under our personal supervision and contain all of the varieties named above except Gladys Unwin double and Cupid. This list of Sweet Peas contains the very best named sorts known to the trade, and we confidently offer them to most careful and critical buyers. A finer mixture cannot be found.

Sweet Rocket (Hesperis) Old-fashioned garden plant, also known as Dame's Rocket and Dame's Violet; 2 to 3 ft. high, with spikes of showy white, lilac and purple fragrant flowers; fine for shrubbery and permanent border; mixed colors. 5c pkt.

Sweet Sultan See Centaurea.

Sweet William (London Tufts) A well-known attractive free-flowering hardy perennial, fine for beds and shrubbery; 1 1-2 ft. Sgl. mixed 5c. Double mixed 5c pkt.

Tagetes (See Marigolds and Calendula)

Signata Pumila A dwarf, compact, bushy, annual marigold with beautiful delicate fern-like leaves, densely covered with flowers of bright yellow striped brown; fine border plant. 5c pkt.

Thunbergia (Black-eyed Susan) Beautiful rapid-growing climber used especially for hanging baskets, low fences, etc., flowers in buff, white orange, etc., with dark eyes; mixed colors 5c pkt.

Torenia Fine annual; splendid plant for vases, hanging baskets, borders etc., blooming the entire season. Blue, white, and yellow. 10c pkt.

Tritoma (Red Hot Poker Plant) Readily grown from seed. Will bloom first year if sown early. Tritomas are becoming very popular for bedding plants and cut flowers; hardy perennial; 4 ft. Vary in color from light and deep orange, salmon and carmine. 10c pkt.

Tropeolum (See Nasturtium)

Verbenas One of the most popular and free-blooming varieties and so well known that a description of this variety is unnecessary. Half-hardy perennial; easy of culture; sow early and transplant when weather permits. Fine for beds, baskets, rockeries, etc. Scarlet 10c, variegated 10c, white 10c, mixed colors 10c.

Viola (See Pansies)

Vinca (Madagascar Periwinkle or old Maid) Ornamental free-blooming plant, fine for bedding flower from seed the first season continuing until frost, or they may be potted and kept in bloom through the winter, 2 ft. Rose 10c, white 10c, mixed 5c.

Wall Flower (See Cheiranthus) Half-hardy perennial, 1 1-2 ft high. Mixed 5c pkt.

Wild Cucumber (See Echinocystis.) 5c pkt.

Wild Flower Garden 5c pkt.

Zinnias (Youth and Old Age) One of the most brilliant and showy of annuals. An old and continued favorite. The seed can be sown early and transplanted or sown later in open ground. They come into bloom early in summer, and continue until hard frost.

Dwarf double white, orange scarlet, rose, etc. 5c. Tall double mixed 5c. Dwarf single mixed 5c.

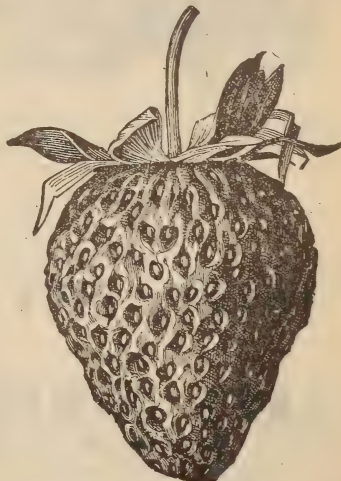
SPRING PLANTS, BULBS AND ROOTS.

PER DOZ.		PER DOZ.	PER DOZ.
Cauliflower Plants	25 cts	Root Celery Plants	" "
Cabbage "	10 "	Sweet Marjoram "	" "
Tomato "	25 "	Sage Plants	" "
Egg Plant "	50 "	Summer Savory	" "
Pepper "	25 "	Thyme	" "
Kohlrabi "	" "	Verbena Plants	50 "
		Pansy	30 "
		Aster Plants	35 "
		Stocks	35 "
		Petunia	50 "
		Snapdragon	40 "
		Beautiful Japanese Fern	Balls each 75 "

Gladiolas, Dahlias, Tube-Roses, Tuberous Begonias, Maderia Vines, Peonies, Gloxinias.
 Selected Fall Bulbs in their Season, Our Own Direct Importation from Holland.
 Christmas Holly, Holly Wreathes, Ground Pine, Mistletoe, in Season.

FLORISTS' SUNDRIES.

Self Registering Thermometers	Hanging Baskets
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Mastica	Fine Cutlery
Plant Labels	Syringes for Plants
Fumigators	Flower Pot Brackets
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Glazing Points	Lawn Seed and Fertilizers
Flower Pots	Bird Supplies
Hyacinth Glasses	Wire Plant Supports
	Silkline, per spool, 30 cts.

**STRAWBERRY PLANTS.**

We are pleased to announce that we can furnish choice thrifty Strawberry and Raspberry Plants of all the leading varieties and recommend them to our customers.

Prices are reasonable. Leave orders early.

BERRY BASKETS.

Under the new law all Berry Baskets must be made up to the standard size. We offer Berry Baskets of correct size and shape and well made. Prices right. Our Baskets fit the Crate perfectly. We can save you money on berry baskets if you will place orders early. Call and see us before purchasing.

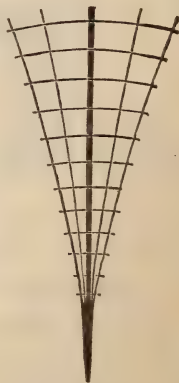
\$3.00 \$2.00 \$1.50
FLOWER TUBS \$1.00 TO \$4.00



Flower Pots, Hanging Baskets, Fern Pans, Lily Pans

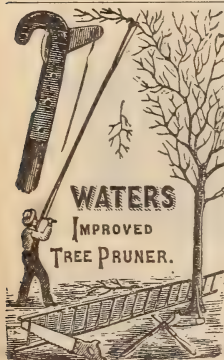
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We offer a fine variety of styles in various sizes suitable for lawns, front yards, cemeteries, parks etc. These can be furnished to order on short notice, at reasonable prices. For full particulars, write or call and see us.

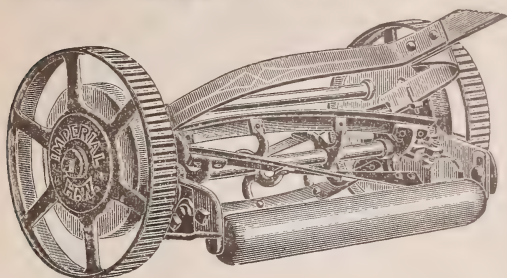
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This is the most powerful Tree Pruner on the market. Its strength and power is wonderful, the secret is that the nut remains where it is turned, for this reason the blades work inside the LINK NUT TIE, thus there is no friction on the head, or nut of the bolt, and the blade always cuts tight to the edge of curved blade and never becomes loose, as on other similar tools. Price \$1.00

Curved Pruning Saws 90c and \$1.00 Straight Pruning Saws 90c and \$1.00

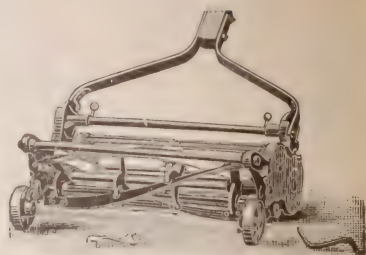


Waters Tree Pruner
 \$1.00 to \$1.50

HIGH WHEEL IMPERIAL.

Absolutely Warranted for Two Years. Positive Adjustment. Has no Equal. In Public Parks, Private Lawns and Cemeteries everywhere. Ask for Special Catalogue.

16 inch	-	\$ 9.00	20 "	-	12.00
18 "	-	10.00	22 "	-	13.00

**THE NEW EASY!**

We have sold the "EASY" for
Twenty Years.
The Best All Around Mower
on Earth.

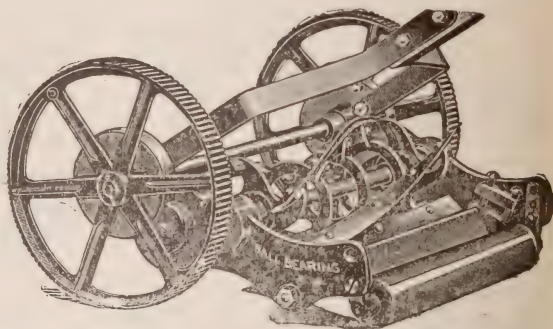
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LAWN MOWER

This unquestionably is the Best BALL BEARING MOWER on the market. Perfect in every detail, absolutely guaranteed.

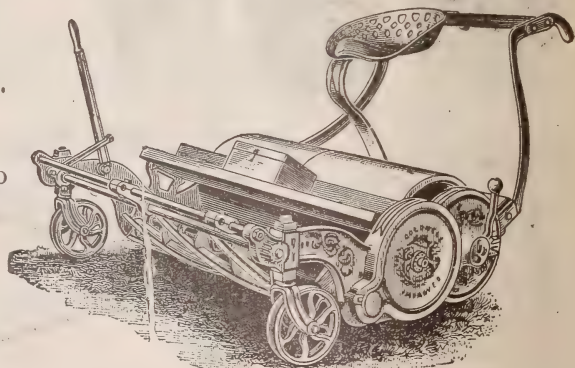
16 inch	-	-	\$ 9.00
18 "	-	-	10.00
20 "	-	-	12.00
22 "	-	-	13.00

**Imperial Horse Lawn Mower.**

PRICE \$55.00 AND UP.

Absolutely Guaranteed to
Cut Clean in turning
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Send for Catalogue.

**HARDWARE.**

We sell everything in Hardware, Glass, Putty, Nails, Enameled Ware, Cutlery, Shears, Razors, Knives, Carving Sets, Aluminum Ware, Florists Supplies, Etc.

LAWN HOSE.

GARDEN HOSE
all sizes and prices.
NOZZLES,
HOSE MENDERS,



Garden Reels, Lawn Mowers, Lawn Seed, Lawn Rollers, Lawn Rakes, Lawn Weeders, Lawn Sprinklers, Lawn Baskets.

GARDEN AND LAWN HOSE.

We carry a full line of 1-2 and
3-4 inch Hose of various grades
from 8c to 20c per foot.

HOSE REELS at \$1.25

**CLIMAX
HANDY WEEDER.**

**CUT UP!
PULL UP! PICK UP!**

PRICE 75c.

EUREKA WEED KILLER.

A special preparation, which dissolves in water without boiling over. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, stable yards, etc., and keeps them under for the whole season.

Large size tin sufficient for 100 square yards path, \$1.50 per can.

MASTICA FOR GLAZING GREENHOUSES, SASHES,

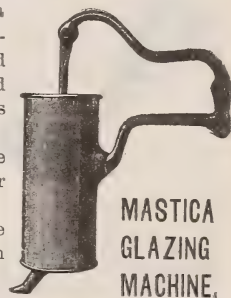
**Etc., new and old. It is elastic, adhesive and easily applied.
It is not affected by dampness, heat or cold.**

Every green house man has experienced difficulty in using putty for glazing, that is satisfactory for any length of time. Putty is not adapted for greenhouse work. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or machine on the outside of sash, as it makes it perfectly tight and saves the expense of re-laying the glass.

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. With "Mastica" you can bed in or use outside with machine.

Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side.)

Price of Mastica $\frac{1}{2}$ gal. 65c., gal. \$1.15. We are Sole Agents for Central New York.

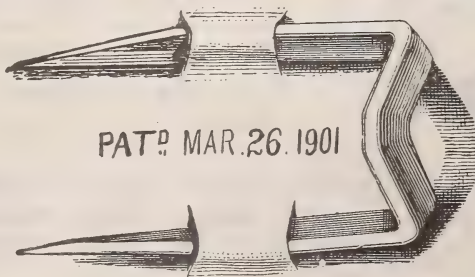


PRICE \$1.25.

**THERE ARE OTHERS
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**THE PEERLESS
GLAZING POINT**

A new name and a
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**A Few of its
Good Points.**

No raising up when driven. No Rights. No Lefts. No Sliding. No Trouble to apply.

Cheap. Indestructible. Once used, always used. Try them once.

PRICE 55c per 1000

THE "LIGHTNING" BULB SPRAYER NO. 16.



Made of heavy galvanized iron, holding two gallons. 3 ft. hose, nozzles etc., carried in a horizontal position it keeps the ingredients thoroughly agitated while spraying. The strainer and screw cap which goes in to the filling hole strains the ingredients as they are used. This prevents sediments from clogging the hose and nozzle, easy to operate, by simply squeezing the rubber bulb, will throw a spray five to twenty feet and will spray two rows of potatoes. Four table spoons of paris green put in the reservoir will kill 4000 hills of potato bugs. To obtain the best results hold the bulb below the reservoir.



**Air Pressure Sprayer
Rapid Work in a Potato Field
PRICE \$5.00**

**Falling Over
Top of Tree
in Spray.
Price \$5.00**



SYRINGES---\$1.00, \$2.25, \$3.00, \$4.50



THE "UNDERLEAF"

This Improved Sprayer is adjusted so that the under side of foliage may be reached. An excellent sprayer for use in garden, greenhouse or for house plants. Reservoir holds one pint. All tin except air and water pipes, which are brass. The plunger should occasionally be softened with a little Neats Foot Oil, by putting a few drops in the hole near the handle.

Price 50 Cents.

INSECTICIDES.

Nicoticide, per bottle	-	\$2.00	Whale Oil Soap, per pkg 5, 10, 20	Persian Insect Powder per lb	.50
Bug Death, 15, 35, 50c	1.00		Fir Tree Oil Soap, per pkg	.30	Jumbo Powder Gun, .25
Tobacco Dust, lb	.10		Eureka Weed Killer, per can	1.50	Cooper's Sheep Dip, pkg 50, 2.00
Sulpho Tobacco Soap, .10 and .20	.20		Weedicide, per gal	-	\$1.50
Tobacco Soap per pkg .25 and .50	.50		Slug Shot, per lb	-	.06
Tobacco Stems, -	-		Lambert's Death-to-Lice	-	.20
Soluble Fir Tree Oil, per can	.75			10, 25, 50, 1.00	Paris Green, .20
					Hellebore, per lb .20



THE ELECTRIC OR LIGHTNING INSECT EXTERMINATOR.

Price 75 Cents.

Effectual, Cheap, Simple, Practical.

BLACK STUFF, TOBACCO POWDER.

IT KILLS GREEN FLIES, MOTHS, WOOLLY APHIS, CABBAGE BUGS, POULTRY LICE, SQUASH BUGS, SHEEP TICKS, CELERY WORMS, CURRANT WORMS AND LETTUCE WORMS. 5c per lb.

Rumsey's Superior Double-Acting Spray Pump.

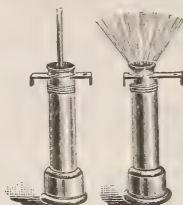
This represents our new Double Acting Force Pump, which is superior to anything heretofore offered for spraying trees or plants with poisonous mixtures. Being double acting it throws a continuous stream which, with our "Lilly" nozzle can be diffused over a wide area.

This pump is fitted for hose or iron pipe as ordered.

Made in one size only. **Price \$6.50**

**RUMSEY'S****"LILLY" SPRAYING****NOZZLE**

PRICE 50 CENTS

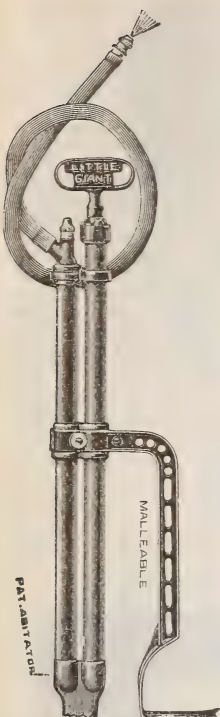

**THE BEST SPRAY PUMP
ON THE MARKET.**

With 3 ft. of 1-2 in discharge hose and "Lilly" Nozzle

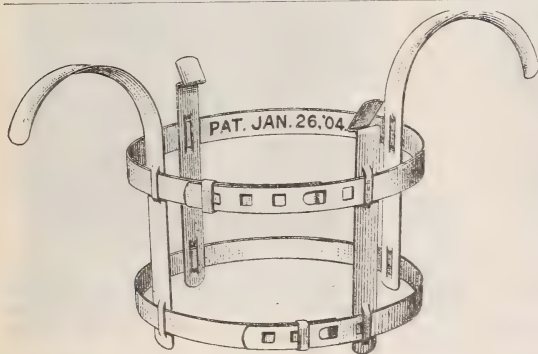
Can be used for washing windows, carriages, etc.

Also used for white washing hen houses etc.

PRICE \$4.00



Price \$3.00 Myers Bucket Brass Spray Pump, with agitator, complete with Hose Combination, Fine and Coarse Spray and Solid Stream Nozzle.


**NO MORE SPILLED MILK
SHATTUCK'S
PATENT
ADJUSTABLE
MILK PAIL HOLDER**

Makes Milking Easy

Does not cramp or tire the legs; relieves the whole body. It saves many times its cost in milk saved from being spilled. It also saves many times its cost in pails, as you do not have to squeeze the pail all out of shape to hold it. The Holder is made of the best rolled steel, galvanized by cold process which has been adopted by U. S. Government and will not rust or corrode. Once used you would not be without one.

Price \$1.00


COOPER'S SHEEP DIPPING POWDERS

The finest in America, used by all ranchmen in the West, sure cure for scabs and ticks. We could show you a list of testimonials a yard long if necessary, but those we have from firms so well-known among sheepmen will be all that is required to convince you we have the best. Sold at factory price. Small packages will make 25 gallons, large packages 100 gallons, ready for use. An unprecedented demand has set in all over the United States for our celebrated Sheep Dip, consequent upon the favorable verdict of sheepmen who have used it. Other preparations are being relinquished, as "COOPER" is found far superior in every way.

Price 50c and \$2.00



SLUG SHOT—It is a light, composite, im-
palpably fine powder, easily distributed by Duster, Bel-
lows, or in water by spraying. It is thoroughly reliable in killing Currant Worms, Pota-
to Bugs, Cabbage Worms, Lice, Slugs, Sow Bugs, etc., and is also strongly impregnated with fungicides.

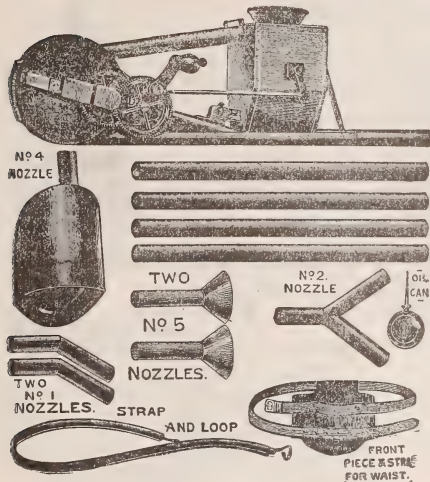


DISPARINE

The best and only thing for spraying fruit trees--thoroughly tested and tried, fully guaranteed.

2 lb Can	- \$	50	25 lb	" - -	4 25
5 lb "	-	1 00	50 lb	" - -	8 00
10 lb "	-	1 80	100 lb	" - -	15 00

CHAMPION DRY POWDER GUN.



THIS IS TRUE TO NAME "DEATH TO BUGS"

Price per package .15 .35 .50 \$1.00

BUG DEATH.

This Insecticide and Plant Food combined has been on the market for ten years. We give Bug Death our fullest endorsement. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical insecticides, the results at harvesting time are entirely satisfactory, and where practical tests have been made the **extra yield of marketable potatoes has more than paid the entire expense.** It is **non-poisonous** which makes it perfectly safe to use on all plants or vines.

Very beneficial results are obtained by using Bordeaux Mixture in connection with Bug Death, and they can be mixed and sprayed on the vines at the same time, with any of the spraying machines on the market for that purpose. **BUG DEATH PREVENTS BLIGHT.**

Put Up In Packages As Follows.

1 pound package,	.. . .	\$ .15	12 1-2 pound package,	.. . .	\$1.00
3 "	.. . .	.35	100 "	.. . .	7.00
5 "	.. . .	.50	Dickey Bug Death Duster,	.. . .	.25

With Trade-Mark on Each Package.

Bug Death may be applied dry with the Dickey Bug Death Duster or with a small bag of bur-lap or gunny cloth of the right mesh; also mixed with water and sprayed as above stated.

SULPHO-TOBACCO SOAP



Quickly exterminates all insect life on plants or flowers in and out of doors. Unsurpassed for rose bushes. For a cheap, effective, clean and harmless insecticide this is unexcelled. It also acts as a valuable fertilizer reviving plant life. For domestic purposes it rids the house of cockroaches, and is a superior wash for dogs and all animals. Prevents poultry lice. You cannot afford to be without this popular and well known insecticide, if you desire to be successful in plant culture. A trial will give highly gratifying results.

3-oz. Cake, sufficient for 1 1-2 gallons prepared solution, 10c; mailed postpaid 13c.

8-oz. Cake, sufficient for four gallons prepared solution, 20c; mailed postpaid 28c.

With every order we enclose free a booklet "The Window Garden" giving valuable information of Plants, and exterminating of Insects.

LEGGETT'S CHAMPION DRY POWDER DUSTER

Price

\$5.00

to

\$7.00



A wonderful invention. Light swift, safe, strong and cheap. Dusts the pure green. Kills all the bugs and pests without injuring the vines or foliage. Less green used and better results obtained.



Pat. March 10 and Nov 9, 1893.

**PURE SHEEP FERTILIZER.**

THE NATURAL GRASS FOOD.

Try it and see the wonderful results obtained.

50 lbs. \$1.50. 100 lbs. \$2.50

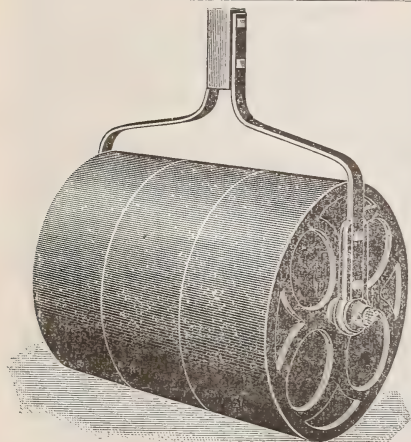
ANALYSIS. — Ammonia, 4.48 per cent;
Available Phosphoric Acid, 1.83 per cent;
Actual Potash, 2.39 per cent;
Nitrogen 2.36 per cent.

THE BEST

Lawn Fertilizer in the Market.
Free from all foul seeds. Rich in
Plant food. Machine Dried.

PURE GROUND BONE.**100 lbs. \$2. 50 lbs. \$1.25**

These fertilizers are free from foul seed and
a natural grass producer.

**Price, \$8.00 to \$10.00****DRAIN TILE.**

Following sizes always on hand. Length about 14 in.

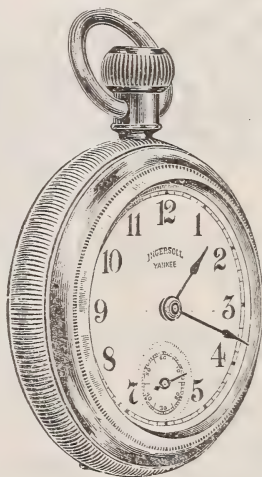


		Weight Each.	Per M.
2 1/2	inch Rise, Sole Tile	3 lbs	\$12.00
2 3/4	" " " " " "	4 "	15.00
3 1/4	" " " " " "	5 "	20.00
4	" " " " " "	7 "	35.00
5	" " " " " "	9 "	50.00
6	" " " " " "	12 "	70.00



		Weight Each.	Per M.
3	1-2 Horse Shoe Tile	4 lbs	\$15.00
4	" " " " " "	5 "	20.00
5	" " " " " "	6 "	30.00
6	" " " " " "	8 "	40.00

Special prices on carload lots direct from factory
which being located at Chittenango, N. Y. on the lines
of the N. Y. C. & H. R. R., the West Shore R. R. and
Erie Canal, gives us exceptional shipping facilities.



A FINE
**INGERSOLL
WATCH**

FOR

\$1.00

WILL

KEEP GOOD TIME
and is fully
GUARANTEED.

**ENSILAGE
FORKS**

This is the best
and most popular
fork ever put on
the market and
fills a long felt
want for a light,
strong fork to
handle ensilage,
fine manure, etc.

Price \$1.25.

THE IRON AGE

Farm and Garden Implements.

The "Iron Age" Catalogue for 1906
Will be sent Free upon Application.

No 6 Iron Age Combination Double Wheel
Hoe, Hill and Drill Seeder. Price **\$11.00.**

No 7 Iron Age as a Seeder only.

Price - - - - **\$8.00**



This tool is without question the most practical and complete combined garden implement ever offered the public. The ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed, and the small amount of power required to operate it, are the most important features.

The wheel is made of steel, 16 inches high; the frame of pipe,

coupled to malleable castings. In each form, whether a Seed Drill, a Double Wheel Hoe or a Single Wheel Hoe, it is equal to any tool or tools made especially for one purpose.

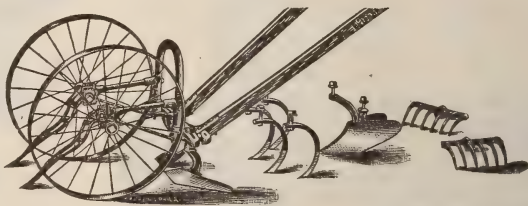
It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

NO. 1. "IRON AGE" DOUBLE WHEEL HOE, PRICE, \$6.50

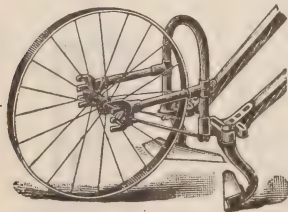
The Wheel Hoe Form of the Tools Shown Above.

NO. 3. Iron Age (Side Hoes Only) Price **\$3.75.**

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of them. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this Double Wheel Hoe possesses is that it can be made into a practical Single



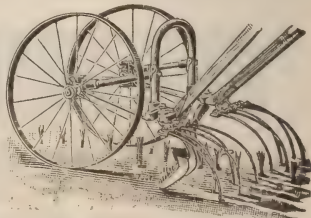
Wheel Hoe in a moments time. An axle is sent with every Double Hoe for this purpose. The wheels are 16 inches high, enabling the Wheel Hoe to run easy and without yielding to the inequalities of the soil, as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price, \$6.50.



Showing the Double Wheel Hoe
Set up as a Single Wheel.

A Seed Drill attached for sowing in rows only (No. 4) or for sowing both in rows and hills (No. 6.) \$3.50 and \$4.50 respectively.

When applied the tool is identical with that of the Iron Age No. 4 or 6. Combined tools, depending upon which seed attachment is applied.



The Weeder Attachment. Price
per pair, \$1.00

NO. 15 "IRON AGE" COMBINED SINGLE WHEEL HOE, HILL and DRILL SEEDER. Price \$10.

NO. 16 AS A SEEDER ONLY, \$7.50

In combining these tools not a single advantage of a separate Single Wheel, Hoe or Seed Drill is lost. As each they are in themselves complete. Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil.

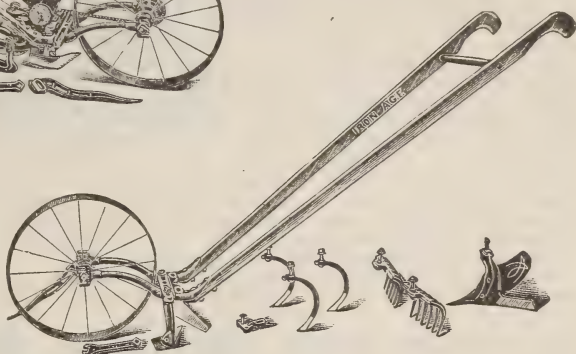


It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

The wheel is made of steel 16 in. high; the frame of pipe, coupled to malleable castings; therefore light, (runs easy) strong and durable.

No. 20, Iron Age, the wheel hoe form of No. 15 - \$5.50.

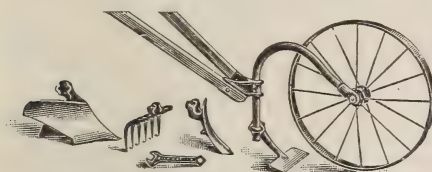
No. 21, With Side Hoe, only - - - \$3 50.



NO. 12 "IRON AGE" WHEEL PLOW AND CULTIVATOR, PRICE \$3.25

No. 11 (Same with Plow Only) \$2.25

In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work necessary in a small garden,—plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically a friend of the laborer or mechanic who can afford only a small amount of money in a garden tool, and whose few moments in a garden must be devoted to "straight-ahead" work.



NO. 6 COMBINED HORSE HOE AND CULTIVATOR.

Remarkable for great adjustability. With lever, is expanded from 14 to 30 inches. The wheel regulates the depth. The furrow-closing attachment pulverizes and levels the ground. The side hoes have numerous adjustments. A most satisfactory and popular implement.

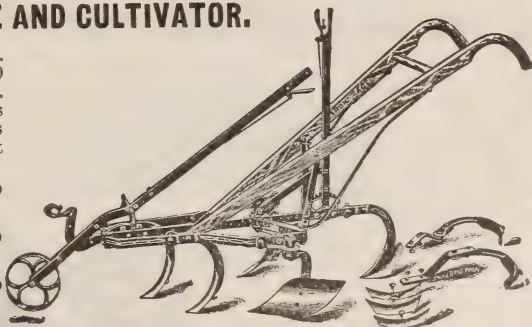
Price complete as shown in cut, **\$7.00**

Without furrow closing attachment.

Price - - - **\$6.00**

With plain wheel and without lever

expander, Price - - - **\$5.00**



NO. 1 IRON AGE COMBINED HARROW AND CULTIVATOR.

Price - - - - - **\$5.50**

Without Wheel or Lever - **4.25**

An excellent tool for the cultivation of all small crops. Thoroughly pulverizes the soil throwing but little dirt.

All believing in level culture should own one of these harrows.



NO. 22 "IRON AGE" COMBINED FERTILIZER DISTRIBUTOR, HILL AND DRILL SEEDER, PRICE \$17.00

In these days of strong competition in the growing of crops, it becomes necessary for the market gardener to make a study of the most economical use of fertilizers, and to obtain this economy requires such a tool as in accompanying cut, which applies the fertilizer in connection with the seed, just where it will do its greatest good; or by the use of the same tool in its other form, as shown below by applying quick acting fertilizers to growing plants.

Although a tool designed to do so much, it is perfectly simple, light of draught, strong and perfect in quality of the work done by it. These plows are adjustable in depth and width, which allows the adjustment at the depth at which the fertilizer is sown

and allows its distribution in narrow streams at different distances. The plows are immediately followed by the covers which draws the soil over the fertilizer just deposited.

The Fertilizer Distributor is thoroughly reliable in its distribution of fertilizer. It contains a force feed device which prevents stoppage by small lumps.

The Seed Sower Device is practically the same as used on Nos. 6 and 15 Combined Seed Drills. The seed may be sown in rows or dropped in hills at 4, 6, 8, 12 or 24 inches apart. For soft ground we can furnish a wide tire attachment.



NO. 23. "IRON AGE" FERTILIZER DISTRIBUTOR (AS A SIDE DRESSER)

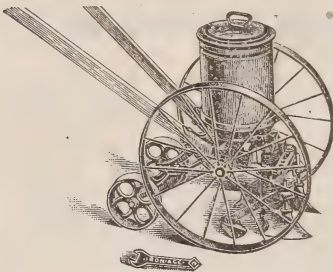
PRICE, \$12.50

Hill and Drill Seeder Attachment, \$4.50.

The side or top dressing of growing plants has become a practice of great importance. It is not merely a matter of the economical distribution of high priced fertilizers, but what is of more consequence, the placing of it just where the rootlets will quickly seize and absorb its chemical constituents.

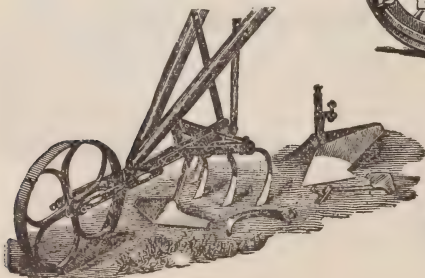
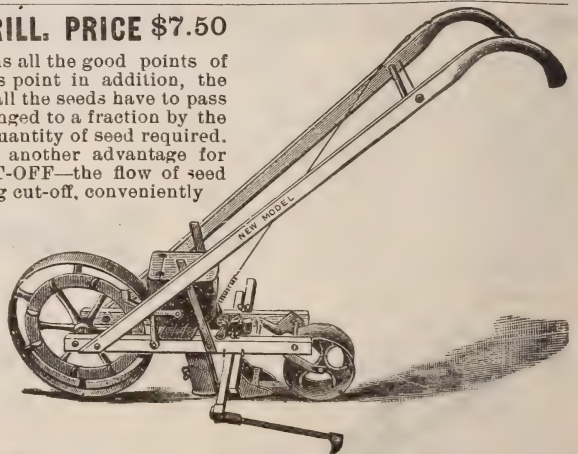
With the addition of the Hill and Drill Seeder attachment, this tool is identical with the No. 22 Combined Fertilizer Distributor Hill and Drill Seeder shown above.

This tool is operated by working astride the rows of growing plants, and the result accomplished will be most gratifying.



THE NEW MODEL SEED DRILL. PRICE \$7.50

The New Model Seed Drill contains all the good points of every old drill in the market, with this point in addition, the slide or hole through the slide where all the seeds have to pass is adjustable, and the slide can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shaped, which is another advantage for rough or irregular shaped seed. CUT-OFF—the flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at the end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.



GEM SINGLE WHEEL HOE, \$4.50

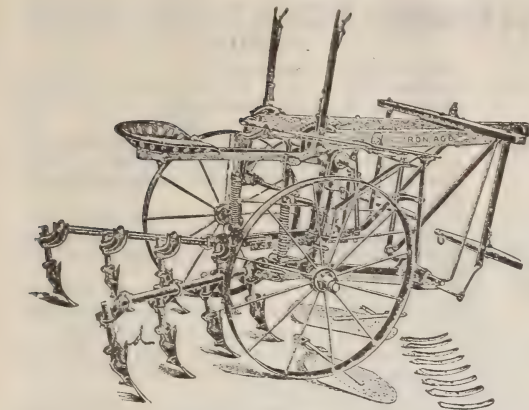
The popular GEM has been so largely used by the market gardeners that it needs no introduction. Being made mostly of steel and malleable iron it is strong, yet light in weight. Sure to please.

NO. 80 "IRON AGE" Pivot Wheel Riding Cultivator PRICE \$33 00

The No 80. has many good points which makes it especially desirable in many localities.

PIVOT WHEELS.---The pivots being near the wheels and the ends resting on steel balls, renders the guidance of the wheels an easy operation. This familiar way of carrying the machine with gangs to the right or left is a valuable feature for hillside cultivation, for crooked rows, and for convenience in turning at end of rows. By simply dropping a pin in a hole the wheels may be made fixed for fall cultivation and for drawing to the field.

Gangs Adjusting Lever.---The gangs can be moved close together or



further apart, so as to change to cultivate young or more matured crops, simply by the movement of the gang adjusting lever at the right of the operator, just in a correct position to easily handle.

Pivoted Gang Bars.---are round, of steel rolled with a groove, and attached to these are the tooth holder blocks. The cultivating width may be changed almost instantly, and the position of the teeth on the gang bars changed independent of each other. By this method it is not necessary to reduce the number of teeth when narrow rows are to be cultivated, but the full number of standards with narrow teeth may be used, thereby more thoroughly working the ground, yet leaving it level. A set of narrow blades are furnished with each Cultivator. Wheels 32 inches high, Tires 2 1-2 inches wide.

NO. 60 "IRON AGE" PIVOT WHEEL RIDING CULTIVATOR.

Price \$36.00. Add for Plows 75 cents. Fallow Tools \$1.15.

Ball Bearings.---It has wonderful ease of guidance, the pivots being vertical near the wheels, and the ends resting upon hardened steel balls.

Spring Pressure Lock-Down.---To prevent the gangs from rising and slipping over hard places, we furnish this Cultivator with a spring pressure lock-down, strong enough to hold it to its work in stiff ground, but weak enough to allow the gangs to rise before damage could occur to them or the standards.

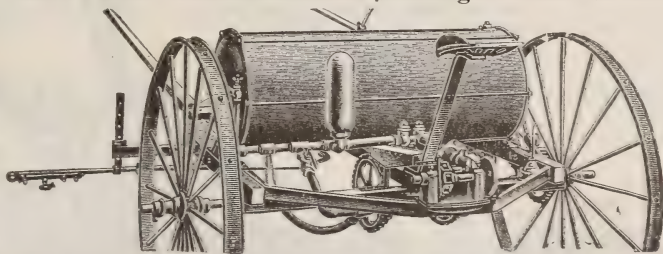
The Lever Gang Adjuster gives the operator immediate control of the width of his gangs. **Points.**---The steel points sent out on the Cultivator are 2 1-2 inches in width and 10 inches long, while we have, also, of the same length, points 1 1-4 and 3 1-2 inches in width, meeting a call for those extremes.

The Wheels as shown in cut, have flanged tires to prevent slipping on hill sides. They are made of steel and while they may appear light, yet they are very strong and durable.

THE "IRON AGE" FOUR ROW SPRAYER PRICE \$68.00

Orchard Attachment consisting of one nozzle 25 feet rubber hose, 10 feet iron pipe--both 1-2 in.--and all necessary fittings. Price \$7.00

The Pump is simple and powerful. The power is applied directly to the center of the plunger and thus causes practically no friction or wear. All parts of the pump, most susceptible of wear, coming in contact with the acids of different mixtures are made of brass. The valves are made of brass, and being located on the



outside the operator can easily and quickly remove them for cleaning, when necessary, without tearing the pump apart. An adjustable relief valve constitutes a part of the construction of the pump, so that any increase in speed of horse does not waste the mixture by unnecessarily forcing it out through the nozzles, but permits it to return to the tank, making a great saving in solution.

Another important feature of the pump, especially in view of the absolute and urgent necessity of fighting the San Jose scale, is that it is adapted for spraying trees as well as vegetable crops. It is therefore not necessary for one having need of a sprayer to spray both trees and vegetables to buy two machines, as we especially designed this sprayer to do both kinds of work.

The Tank holds 55 gallons, made of heavy galvanized iron and should last indefinitely. Fitted with a dasher which revolves continually insuring thorough agitation.

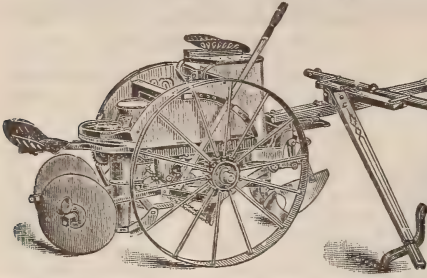
Nozzles are located in front of machine in full control of the operator and are adjustable to four different widths of rows, 25, 30, 33 and 36 inches.

The Shafts are adjustable so that the machine may be carried level while at work. **The Wheels** are adjustable for any width of rows between 25 and 36 inches, are made of steel, 42 in. diameter with 2 1-2 in. channel tire.

Frank Matty, Syracuse, and Cazenovia Canning Company are using this Sprayer.

THE "IRON AGE" (IMPROVED ROBBINS) POTATO PLANTER

PRICE



With Fertilizer Distributor	- -	\$78.00
Without " "	- -	63 00
Pea and Corn Sower Attachment	- -	5 00
Leveler Attachment	- -	95

A machine that is completely and thoroughly successful. Has none of the faults of other planters and does better work than planting by hand.

The opening plow is a double mold plow which throws out on each side a free furrow of loose soil with no packing or wedging to crowd the future growth of the crop.

The fertilizer distributor sows the fertilizer in a broad stream 6 to 8 inches wide, in any quantity desired and same is mixed thoroughly with the soil by the shoe preceeding the potato tube.

The seed is dropped at 12, 14, 15 1-2, 17, 18 1-2 or 20 inches apart. The change from one distance to another can easily be made by changing sprocket wheels. The covering is accomplished by the means of a pair of discs which cover the seed with a full free covering.

The seed is neither punctured nor injured in any manner while being deposited in the furrow below, so one may rest assured the seed, after it is planned, is in as good condition as when first placed in the machine. Ask for special catalogue.

We refer you to those gentlemen who are using them: C. C. Wilcox, Oswego Falls, N. Y., D. R. Overacre, Salina; T. A. Mitchell, Weedsport, N. Y., Mr. Pendergast, Phoenix, N. Y., Hubbs Bros., No. Manlius; Oliver Ormsby, Fairmount, N. Y., Fred Wilbur, Fairmount; M. W. Garrett, N. Syracuse; Frank Matty, T. O. Hickok, Syracuse, Ward Moulton Cicero, Elmer Wheaton, R. F. D. Camillus. Utica, N. Y., December 4th, 1905.

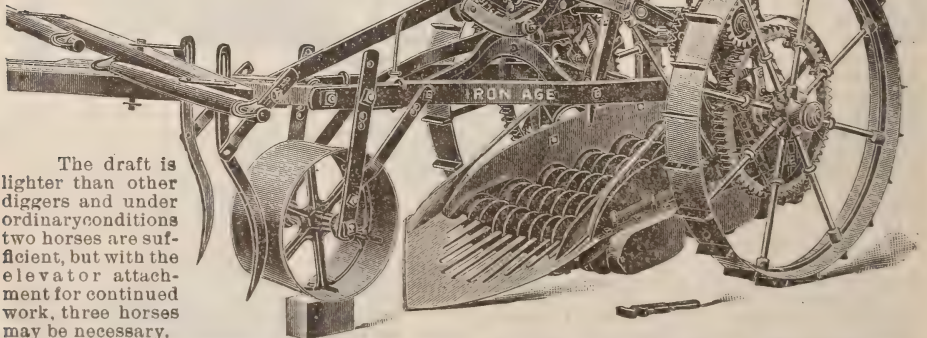
I bought one of your "Iron Age" Improved Robbins Potato Planters and one of your Four-Row Potato Sprayers of your agents last Spring. I planted twelve acres with the planter and there were no missed hills. I think the planter is the best one on the market. Some of my neighbors have other makes, but I would not trade with them. I am convinced that your sprayer is all right and that it pays to spray potatoes. I sprayed the twelve acres four times using the Bordeaux Mixture each time and my yield was one hundred and ninety bushels per acre, while my neighbors, who did not spray, did not get one hundred bushel to the acre. Yours Resp'y, Fred Gabel.

IRON AGE POTATO DIGGER.

This Digger is different from any other make and is so arranged that it will do better work under the many varied conditions of the different localities than any other digger.

Under ordinary conditions it will do excellent work as a lowdown digger as shown in the cut. The roller discs giving perfect separation.

In very loose soil, one or two of the rear sets of rolls may be removed, thus decreasing the agitation and draft. The front forks gather and straighten the vines, which are then crushed by the broad front wheel. They then pass through and fall lightly on top of the potatoes, thus protecting an early crop from being scorched by the sun before being pecked up. If the conditions are such that a thorough separation is not obtained after passing over the rolling discs, the elevator attachment may be applied which will raise and drop the remaining earth and potatoes on the shaker and a complete separation obtained.



The draft is lighter than other diggers and under ordinary conditions two horses are sufficient, but with the elevator attachment for continued work, three horses may be necessary.

Packed Weight, 950 lbs.

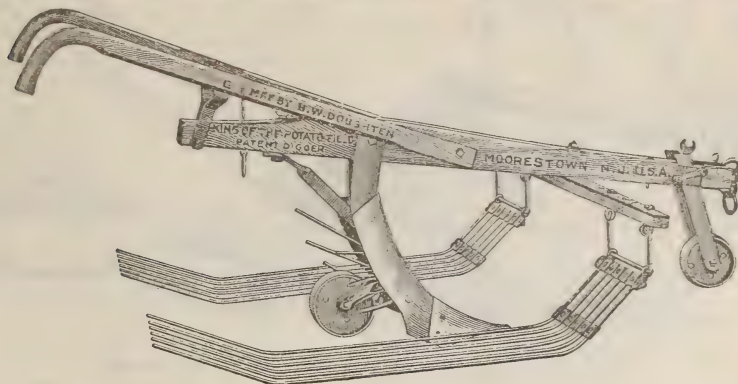
PRICE AS IN CUT
\$100.00.

WITH
ELEVATOR
ATTACHMENT,
COMPLETE
\$115.00.

We refer to the following named parties who used the Digger last fall: Frank Matty, Syracuse; Peter Covich, Liverpool; Fred Cooper, Liverpool; Andrew Hamlin, North Syracuse.

HALLOCK'S KING OF THE POTATO FIELD POTATO DIGGER.

This wonderful labor saver, which we have sold for many years, is absolutely guaranteed.



The following list contains only a few who are using the "King of the Potato Field" and to whom we refer any who are in need of this great labor saver: Col. A. C. Chase, South Onondaga; A. C. Garrett, Green Point; Loren Palk, North Syracuse; G. W. Dewey, Woodard; James Lukens, Halfway; Elmer Amidon, Navarino; A. E. Smith, Camillus; Pat O'Brien, Pompey; J. W. Hughes, Stiles; Edgar Bowen, Onondaga Valley; E. A. Coville, Split Rock; John Oley, Pompey; E. Benscotten, Onondaga Valley; Newton Moore, Baldwinsville; A. Chubb, Jr., Fulton; Wm. B. Smalley, So. Hannibal; Carl Fisher, Chittenango; John Keefus, Onondaga Hill; N. C. Michaels, Green Point; Mr. Wakefield, Brewerton; Frank Crandall, E. Syracuse; C. M. Barrus, Liverpool; Julian Smith, Liverpool; Charles Fairchilds, R. F. D. Liverpool; Jacob Sneller, Cicero; T. D. Garrett, R. F. D., E. Syracuse; Wm. H. Smith, R. F. D., E. Syracuse; Wm. Hartung, E. Syracuse; Ed Littleboy, Liverpool; The State Farm; N. C. Michels, N. Syracuse; Albert Amidon, R. F. D. No. 5, Syracuse; C. M., Barrus, Liverpool, R. F. D.; John E. Allen, N. Syracuse; Albert Garrett, E. Syracuse, R. F. D.; Jacob Sneller, Cicero; and many others.

Price, \$16.00.

Agents Wanted.

DEAR SIR:

South Hannibal, N. Y., Dec. 12, 1905.

I used the Digger bought of you to dig my potatoes this fall, rather than the Hoover, of which I have one, because the ground was so wet and weedy the Hoover would not work at all. It certainly helped us to get our potatoes harvested.

Yours truly,

C. W. HAWS.

Mr. B. C. Wilcox, South Hannibal:

Hannibal Centre, November 21, 1905.

Dear Sir—The Potato Digger I bought of you has done very satisfactory work. Some parts of the field was in such condition that no other digger with which I am acquainted would have been able to do the work at all. While, of course, your digger did not do as good work as on the cleaner and better portions of the field, still I am much pleased that it would work at all. It has been of much help in hurrying the work.

Yours truly,

GEO. W. ROGERS.

South Hannibal, N. Y., November 21, 1905.

I purchased King of the Potato Field and am well pleased with it, I intend to double my acreage next year.

WARREN E. BLAKE.

Hannibal Centre, December 1, 1905.

The King of the Potato Field I consider the best potato digger I ever saw. I dug my potatoes with less than half the expense of former years.

CHAS. H. TOMPKINS.

WE SELL AND CARRY IN STOCK A FULL LINE OF THE FOLLOWING:

THE IRON AGE LINE OF TOOLS

THE CYPHERS INCUBATOR CO'S LINE

MANN'S BONE CUTTERS

THE ADRIANCE BUCKEYE LINE

BOWKER FERTILIZERS

VERMONT FARM MACHINERY CO'S LINE OF U. S. SEPARATORS, ETC.

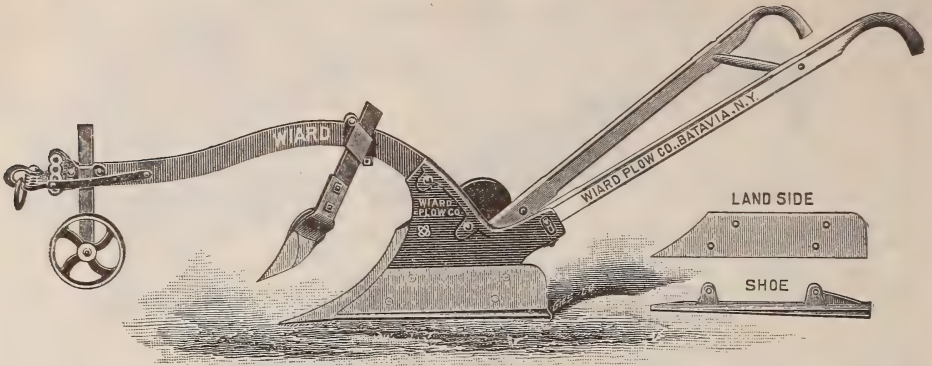
ROBBINS' POTATO PLANTERS

WIARD-MUNNSVILLE AND DUTTON PLOWS

AMERICAN STEEL FENCING

HARDWARE OF ALL KINDS

Wiard Steel and Iron Beam Plows.

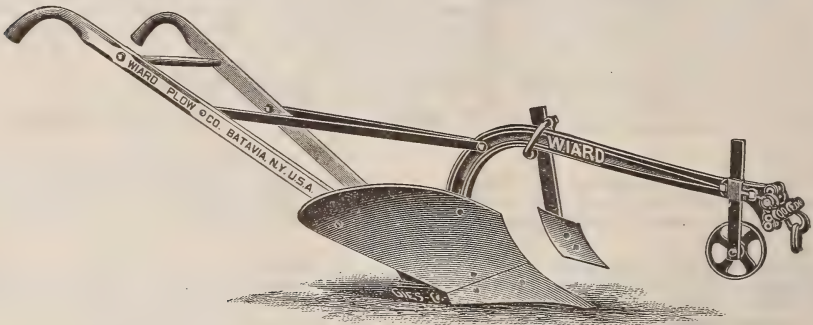


No. 9.—The Best of the Wiard Plows.

Landside view of Wiard Forged Steel Beam Plow. All our steel beam flat land plows now have land side and shoe as shown above. **Price \$13.50.**

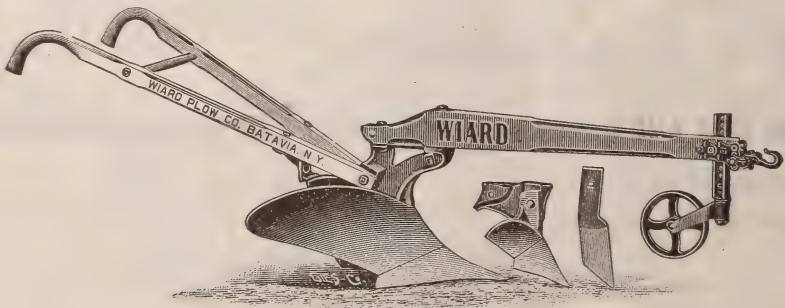
WIARD PATENT STEEL-BEAM PLOWS.

No. 100.—The Best of the Wiard Plows.



Rigged with Jointer. Right Hand with Steel Moldboard.

This Plow has proven very popular with our farmers. The shape of this Plow is unsurpassed. Well adapted to all soils. Capacity 6 to 9 inches deep, 10 to 14 inches wide. Weight with Clevis 106 lbs. **Price complete \$13.50.**



No. 10-B.—Price \$8.00 to \$10.00

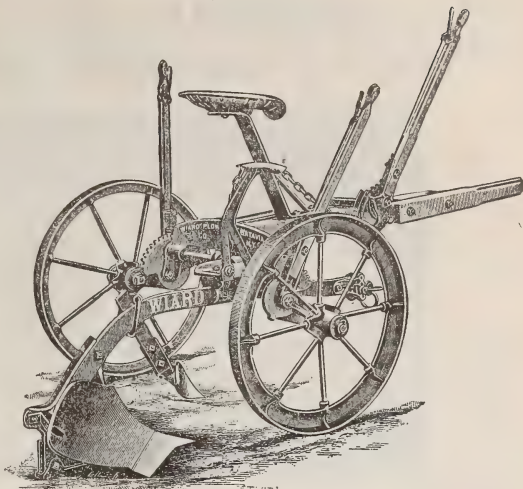
For one-horse, plows 4 to 7 inches deep, 6 to 10 inches wide; weight 77 pounds.

No. 90 RIGHT HAND SULKY PLOW.

This Sulky Plow is made in the simplest and strongest manner possible, and by the use of levers is guided precisely like a hand plow; and the greatest advantage derived from its use is in plowing lands so hard and stony as to make hand plowing very difficult. Our method of lifting the plow carries the point backward as the plow is raised, freeing it from obstructions under which it may have caught. The patent flanged wheel gives it a perfectly uniform furrow and enables the operator to "finish a land" with utmost precision.

This is the most desirable Steel Beam Sulky Plow and the best ever turned out by the famous Wiard Plow Co. Fully warranted.

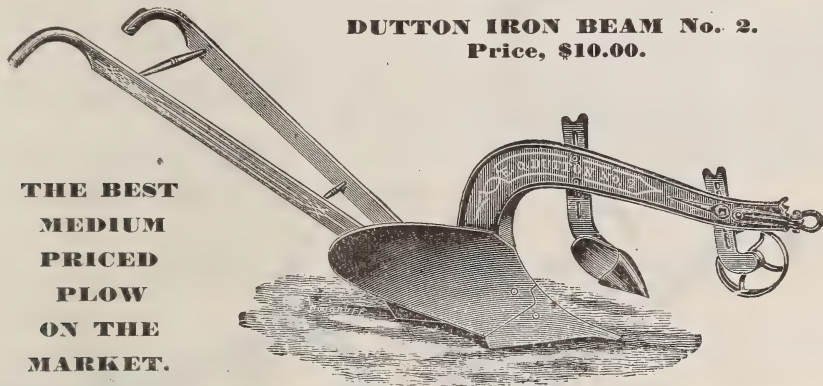
Price, \$34.00.



DUTTON IRON BEAM No. 2.

Price, \$10.00.

**THE BEST
MEDIUM
PRICED
PLOW
ON THE
MARKET.**



DARNELL'S PATENT FURROWER AND MARKER

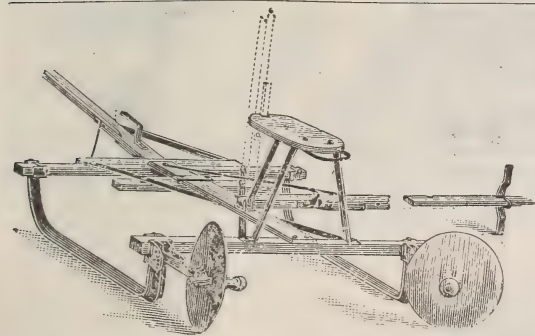
Opens furrows. Double furrows or ridges. Cultivates or plows to and from. Covers.

Not an experiment, but a stern reality. Nine (9) years tested and failure unknown.

Thousands in use and guaranteed in every case. Pays for itself in one season.

The quality of work done by this implement is unquestionably beyond comparison, to say nothing of the wonderful saving of time and labor.

Opens two rows in either hard or



soft ground, from a mere mark to six inches deep, and from two to five inches wide, at the same time making the guiding mark for the return. Width and depth of furrow can be regulated in a moment with our patent adjustable arms.

The earth at the bottom of the furrow is left thoroughly pulverized, making a splendid seed bed.

Cultivates or plows to and from, plants in a masterly manner, throwing the dirt around the plant loosely and in a perfectly pulverized condition, the disc being universally acknowledged the greatest pulverizer extant.

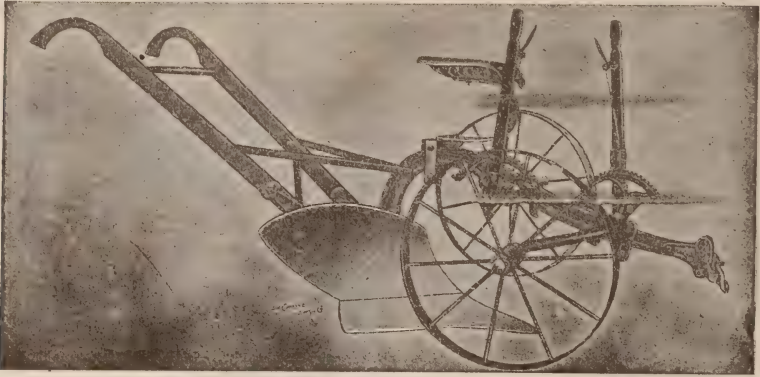
Double furrowing or ridging is accomplished with the same speed and accuracy characteristic of this implement, while covering everything that requires covering is done to perfection.

Every machine sold under our guarantee. Price \$18.00

"BUY YOUR HARDWARE, CUTLERY, GLASS AND GRANITE WARE OF US."

MUNNSVILLE PLOWS.

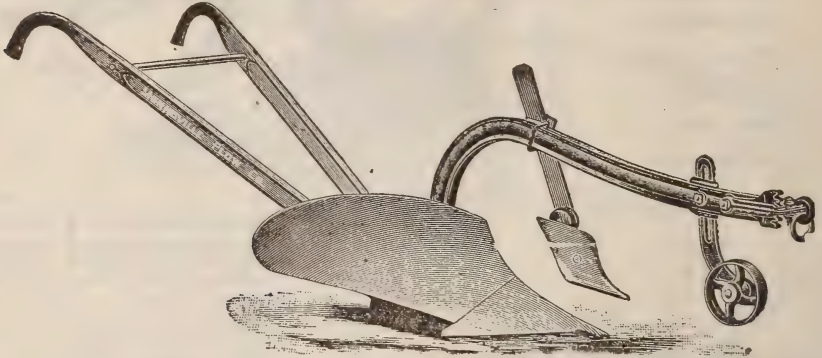
**THE MUNNSVILLE PLOW SULKY WITH RIDING ATTACHMENT
COMPLETE \$27.00, RIDING ATTACHMENT ONLY, \$15.00**



They can be attached or removed from any steel or wood beam plow in a very few minutes. The extra weight of the driver is overcome by carrying the whole weight on the wheels instead of dragging the weight of the plow on the land side as usual. Prove it by drawing by hand this Sulky with a plow attached with a man on the seat, or with a plow alone. With the aid of the handles attached, it can be handled much easier where there are roots or other obstructions. Where all is clear, remove the handles. It has sufficient strength and yet is lighter than the ordinary sulky plow. It is easily attached to a harrow. The addition of an extra horse to the team will double the amount of work done ordinarily. Price very low for benefit derived.

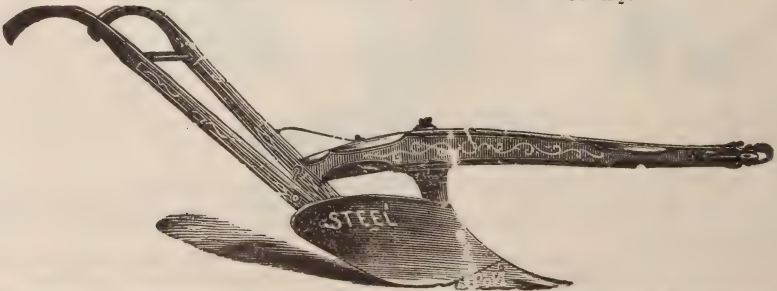
Howard & Son, of Clyde, own one of the most extensively made and highly recommended Sulky Plows and they consider this SULKY when attached to a MUNNSVILLE STEEL plow far superior.

STEEL BEAM PLOW, No. 10,—“The Big Seller.”



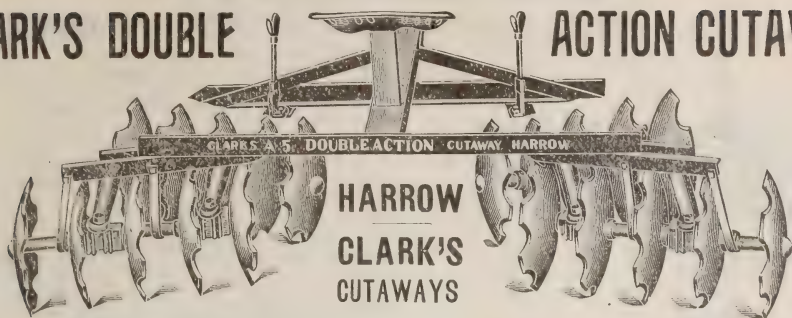
This Plow is long on the run with a high Mouldboard, of a shape that insures easy draft, good cleaning qualities and pleasing appearance. **Price \$13.50.**

ONEIDA VALLEY CLIPPER No. 2.



This is a light one horse cast steel plow, adapted to plowing out corn, hops and nurseries. Can be gauged so as to plow to and from the rows. **Price \$9.00 plain.** This cut also represents our new 2 1-2 chilled plow. **Price \$7.50.**

CLARK'S DOUBLE ACTION CUTAWAY



The Double Action Harrow does between two and three times as much work as any single action harrow, either solid or cut out. It makes and keeps the land true all the time. The draft of the Double Action is very little if any more than the draft of the solid disk harrow and does more than three times as much work and better. This is brought about in part by one set of disks following central behind the other; again there is only one-half as much tramping of teams in doing the work. Immediately after the first gang of disks lifts the earth the second gang of disks strikes and follows central cutting and lifting it deeper than the first set and levelling the earth completely, which cannot be said of any other disk harrow ever. All single action disk harrows ridge the land more or less, even with the most careful driver.

Please bear in mind that the **Clark's Grass Tools** are in order whenever the frost is out of the ground, especially the **Double Action Cutaway Harrow**, **8-foot Smoothing or Grading Harrow**, and the **Clark's 26-Reversible Cutaway Sulky Disk Plow**. The facts are, we make a large number of intense cultivators which improves the soil. The more you cultivate, the better crops you will have, and if you will give us timely notice we will see to it that your wants are supplied in time and at a low price.

PRICE, \$35.00.

Care and judgment must be used in feeding this style and size machine to adapt the amount fed to machine to power used.

GENERAL DESCRIPTION of No. 13.

Weight with plain table, 1,300 pounds.

Weight with traveling table, 1,400 pounds.

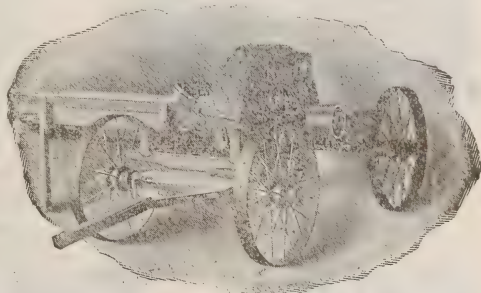
Knives, two or four, 16 inches long.

Belt Pulley, 8-inch face by 10 1-2 in. in diameter.

Case with rim of 30 Carbon Steel, guaranteed against breakage.

WILDER'S WHIRLWIND, No. 13.

Ensilage Cutter and Dry Corn Fodder Shredder with Plain or Traveling Table, Showing Special Mounting. Ask for Catalogue,



Blower Attachment—Guaranteed to run with less power than any other Blower Cutter made, regardless of size.

No. 13 is built with the idea in view of furnishing a medium capacity machine that will run Light Power.

Case is made elliptical instead of round, so that there is no possibility of material carrying past the spout opening and requiring extra power to force it past the edge of fan casing.

Four years' experience in building case of this shape has proved to us that it will save from 3 to 5 H. P. over round case.

Speed from 750 to 1,500 revolutions per minute.

Power required, 6 to 8 H. P. steam.

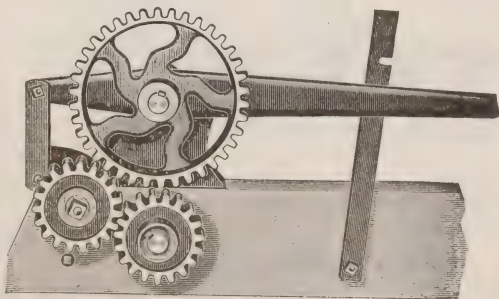
Capacity from 5 to 10 tons per hour.

Lengths of cut, 5-8, 7-8, 1 1-4, 2 1-4, 2 7-8 inch.

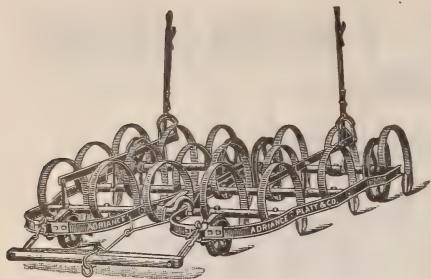
WILDER SAFETY LEVER.

For Stopping and Reversing Feed Rolls.

This Cut shows the lever pushed down to stop feeding. Pushing down one notch further reverses the rolls. This is a patented device of our own. Some machines offer a stop feed device—the Wilder machines alone offer a complete control of the feed rolls. Instead of tugging, prying and pulling, to get an obstruction or over bunch of material from the rolls, as in other machines, the operator of this ensilage cutter simply pushes lever to bottom and the rolls are instantly cleared, material or obstruction being thrown back on feed table instantaneously.



Would recommend a larger size for average work.

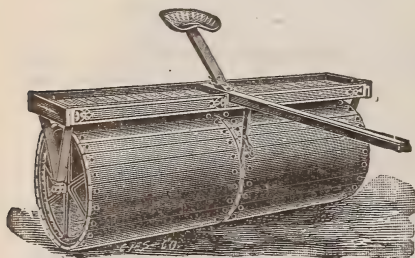
**ADRIANCE HARROWS.**

Spring Tooth, with Self-Setting Levers, on
Wheels, with or without Seat,

\$18.00, \$19.00, \$20.00.

Peg Tooth with Levers, Adjustable Teeth and
Strong Frames, \$13.00.

We had a very large sale of harrows last season.

**LAND ROLLERS.**

Oak Stave Roller, Two Sections \$20.00

Steel Roller, 26 inch, Two Sections, \$25.00

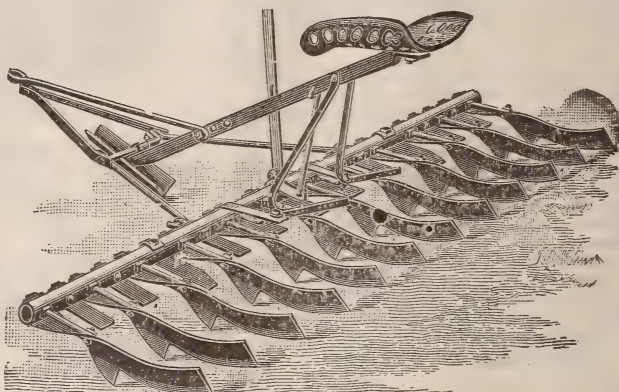
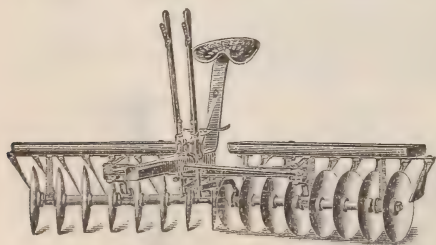
Lawn and Garden Roller \$8.00 to \$12.00

We sold more Rollers last season than any three
years before.

ACME PULVERIZING HARROW.

A grand implement and a
great labor saver.

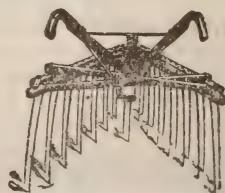
PRICE \$15.00

**NEW YORK DISK HARROW.**

The great labor saver. Every farmer should
have one.

PRICE \$22.00 to \$26.00

KEYSTONE ADJUSTABLE WEEDER.



Can expand to 7 1/2 feet and
narrow to 30 inches.

\$9.00

"BUY YOUR HARDWARE, CUTLERY, GLASS AND GRANITE WARE OF US."

THE UNITED STATES CREAM SEPERATORS AND OTHER DAIRY SUPPLIES AT SPECIAL PRICES THIS SEASON.

Capacities and Prices for 1906 on "New Century" Separators.

No. 9, Capacity 150 to 175 lbs. per hour.....	Price \$ 50.00
No. 8, " 225 to 250 " "	" 65.00
No. 7, " 275 to 300 " "	" 85.00
No. 6, " 400 to 450 " "	" 100.00
No. 5, " 500 to 550 " "	" 125.00

The Nos. 8 and 9 have low frames; 5, 6 and 7 high frames. The U. S. Separator can be seen at our store. Catalogue and information free.

THE VITAL QUESTION OF DAIRY PROFITS.

Comparative Profits—In considering this subject, some figures compiled by the New York Experiment Station from experiments which they worked out very carefully and thoroughly, are of much value. In arriving at these figures the price received for milk was placed at 2 3-4c per

quart, which is more than farmers average to get from their whole milk; butter was figured at 25c per lb. and cream at 20c per qt. They found that:

In selling milk so as to make a clear profit of \$1.00
If the same were made into butter, the profit would be \$1.30

In selling cheese so to make a clear profit of \$1.00
If the same were made into butter, the profit would be \$2.62.

In selling cheese so as to make a clear profit of \$1.00
If the same were used to produce cream for sale, the profit would be \$7.40.

In selling milk to make a clear profit of \$1.00
If the cream from the same were sold the profit would be \$3.66.

From the foregoing it will be seen that no dairyman can afford to sell the whole product from his farm. The skim-milk left upon the farm to use is considered by one authority worth 46 per hundred pounds for feeding and fertilizing, and the value of this bi-product of the dairy must not be overlooked in careful management.

The most novel and important improved machinery that occupies the attention of the dairymen to-day is the Centrifugal Cream Separator, which makes radical changes in the handling of the milk in the dairy, the demand now being to lessen as much as possible the time from the cow to the finished product.



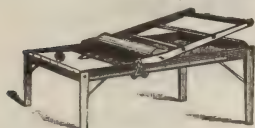
U. S. Cream Separator, Incased Gear.

EUREKA BUTTER WORKER.

Price List.

No. 1, Family size, works 8 to 12 lbs.....	\$ 6.00
No. 2, Dairy size, " 10 to 20 lbs.....	8.00
No. 3, " 26 to 40 lbs.....	10.00
No. 4, " 40 to 60 lbs.....	12.00

Write for special circulars.



Eureka Butter Printer.

Self-gauging.

Per pound or half pound.

No. 1.....\$4.50

No. 2..... 3.50



Nesbitt Butter Printer.

1/2 lb\$4.00

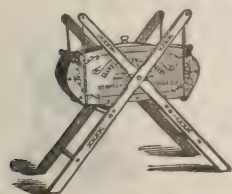
1 lb 4.50

Self-gauging \$1.00

extra.

DAVIS SWING CHURN---Complete with Folding Frame.

This is the regular frame, and is always sent unless specially ordered otherwise. Tilting Frame extra, \$1.00.



Davis Swinging Churn.

Size.	Will Churn.	Capacity.	Lbs.	Price.	Extra for iron Y and pitman.
No. 1,	4 gal., or less,	8 gal.	55	\$ 6.00	\$.75
No. 2,	5 gal.,	10 "	59	8.00	.75
No. 3,	8 gal.,	16 "	73	10.00	.75
No. 4,	10 gal.,	20 "	85	12.00	.75
No. 5,	13 gal.,	26 "	98	15.90	1.00
No. 6,	17 gal.,	34 "	112	18.00	1.00

TIN SHOP.

MILK CANS—ALL SIZES.—Milkmen are invited to examine our work. Repairing promptly done, in the best manner and at moderate prices.

PEDDLING CANS IN 20, 30, 40, 50 AND 60 QUART SIZES.

Aerators made to order. Tin Gutters, Galvanized Gutters, Tin Roofing, Stencil Cutting, Galvanized Iron Work. Everything in Tin Work made to order on short notice and in the best manner. Shears, Scissors, Knives and Saws Sharpened and Repaired, also General Jobbing.

Milk Bottles and Milk Caps always in Stock.

Quart Milk Bottles	75 cents per doz.	Quart Dippers	.30 to .50
Pint " "	65 " " "	Strainers	.50 to 1.60
Milk Caps	25 " " "	Tin Milk Pans, per doz	1.50 to 3.00
Carrying Cans; all sizes	\$.50 to \$2.25	Tin Milk Pails, all sizes	.30 to .75
Dairy Cans	6.50 to 8.50	Sprinkling Pots, "	.25 to 1.25
Wholesale Cans	.50 cents	Excelsior Strainers	2.50
Strainer Pails	.50 to .75	"Our Own" Strainers	2.00
Pint Dippers	.30 to .50	Aerators	4.00 to 6.00

All hand work and fully warranted.



Price List of Gravity Cream Separator.

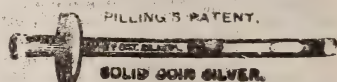
No. 0 holds 7 gal., used for 1 to 2 cows.	60 lbs. milk per day	\$2.50
No. 1 " 11 " " " 2 to 3 "	100 " " " "	4.50
No. 1 1-2 " 18 " " " 3 to 4 "	150 " " " "	5.50
No. 2 " 25 " " " 4 to 7 "	200 " " " "	6.50

SCALES.

Platform Scales	\$8.00 to \$12.00
Counter Scales, Single Beams	2.50
" " Double Beams	3.00

MILKING TUBES.

For sore and obstructed Teats and for Hard Milking Cows.



Full Directions with Each Tube.

25 cents to \$1.25 each.

RICE'S CALF WEANER

AND

SUCKING COW MUZZLE.

FOR PREVENTING CALVES AND COWS SUCKING THEMSELVES OR EACH OTHER.

No. 1—For Calves till 1 year old, 30c, by mail postpaid 35c

No. 2—From 1 to 2 years old, 50c, by mail postpaid 56c

No. 3—For full grown animals and self suckers,

75c, by mail postpaid 85c



Milk Bottles and

Caps in Quart

and Pint Always

In Stock. . . .

BARREL CHURNS.

No. 0,—	4 gallon, will churn,	2 gallons	\$3.50
No. 1,—	10 " " "	5 "	4.50
No. 2,—	15 " " "	8 "	5.00
No. 3,—	20 " " "	10 "	5.50
No. 4,—	25 " " "	12 "	7.00
No. 5,—	30 " " "	14 "	8.00

Oak Dash Churns, Stone Dash Churns, Dog Powers, Butter Workers, Skimmers, Butter Carriers, Ladies, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.



BOWKER'S CELEBRATED FERTILIZERS.



The above is a Field showing 448 1-2 bu. fine onions grown on 1-2 acre with 1100 lbs. Stockbridge Onion Manure.

We are Sole Agents for the Celebrated Bowker Fertilizer. Sold strictly for Cash at very close margin of profit.

WE CARRY IN STOCK THE FOLLOWING BRANDS:

Hill and Drill, Sure Crop, Corn and Grain, Potash or Staple, Potash Bone, Market Garden, Am. Dissolved Bone or Farm and Garden, 10 per cent Manure, Hop and Potato, Golden Harvest, Empire State, Farm and Garden, Am. Dissolved Bone, Soluble Bone, Early Potato.

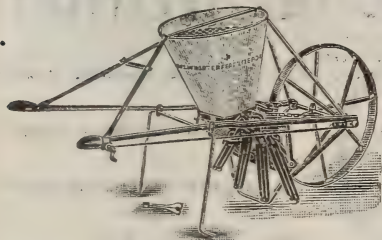
STOCKBRIDGE SPECIAL MANURES FOR

Potatoes, Corn, Grain, Vegetables, Onions, Cabbage, Cauliflower, Peas, Beans, Asparagus, Celery, Tobacco, Lettuce, Spinach, Strawberries and Fruit.

MCWHORTER'S FERTILIZER DISTRIBUTORS.

Distributor like cut \$11.00. Horse Distributor \$17.00.

For the Practical, Superior Distribution of all Commercial Fertilizers.



Cut shows Hand Distributor set for side or top dressing four rows at one time.

This machine is particularly adapted to the farmer and gardener. It is so arranged that the fertilizer can be applied in any manner that may be desired, as the operator has perfect control of the spread and division of the fertilizer.

SULPHATE OF IRON.

Large industries make millions out of their waste products. Farming is the greatest industry on earth, and if farmers made as deep a study of this question as the large industries, their profits would be greatly increased.

One of the most valuable waste products of the farm is manure and stable refuse, but as it is commonly used the most valuable part is lost by the ammonia passing off in fumes, which can be saved by the use of Sulphate of Iron.

At a cost of 15 cents to 30 cents per ton of manure you can produce a fertilizer equal in value to that which will cost you \$20 to \$25 per ton.

Make a test of this for one year and prove the truth of these statements to your own satisfaction.

By the use of Sulphate of Iron with stable manure, you can produce a fertilizer with which you can make non-productive soil produce large crops of grain, vegetables and grasses. The total cost will be from 15 to 25 cents per ton of manure.

Kills moss in pasture lands, destroys cruciferous weeds, such as wild mustard, and destroys dodder on clover or lucerne, which prevents its growth.

This will prove to be one of the best money makers on your farm.

Sulphate of Iron is good for cattle, hogs and poultry; cures the itch and kills parasites; makes eggs larger, better colored and more fertile, and increases the number.

Destroys the fly-breeding larvae and keeps the premises free from flies. Is an excellent disinfectant to keep around the house and barn and will destroy all objectionable odors.

Ask your fence dealer for a booklet giving detailed information with instructions how to use it.

"BUY YOUR HARDWARE, CUTLERY, GLASS and GRANITE WARE OF US."



The
Jack of All Trades

Is the Best

GASOLINE ENGINE

for

General Farm Work.

Because it works in warm or cold weather. It is easily started and needs no attendant until time to stop. Costs very little for fuel and costs nothing when not running. Three men feeding the saw have cut 35 cords of dry Tamarac in seven hours. Ten to fifteen bushels of feed have been ground in one hour. The "past record" of THE JACK OF ALL TRADES GASOLINE ENGINES will convince you that there is no other equal to it.

We will send you catalogue, and can show this engine in operation at any time. The price is moderate.

REX FLINTKOTE ROOFING

**A Permanent Roofing
for Factories, Business
Blocks, Public Build-
ings, Ice Houses, Etc.**



**A Splendid Roofing for
Farm Buildings, Poul-
try Buildings, Dwell-
ings, Sheds, Etc.**

Is made from best non-conducting wool felt obtainable, thoroughly and evenly saturated with compounds containing no tar or asphaltum, which renders the roofing WATER, ACID, ALKALI, STEAM and GAS FUME PROOF. It is unaffected by heat or cold, and can be laid in any climate. It is FIRE RESISTING, and for this reason is endorsed by many boards of fire underwriters.

Rex Flintkote may be laid by any man by following the plain directions—not only that, but everything required (except a hammer) is in each roll. The labor is simple and quick—so different from shingles or tin.

Not only cheaper, but far more durable than best shingles or metal roofing.

Descriptive booklet, samples and prices cheerfully given on application.



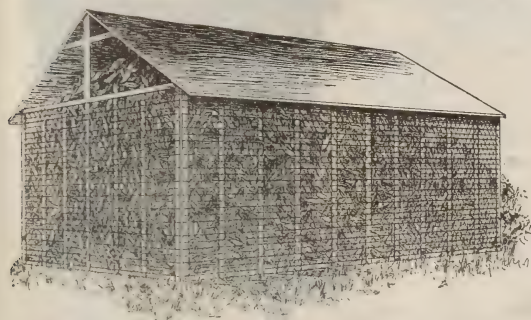
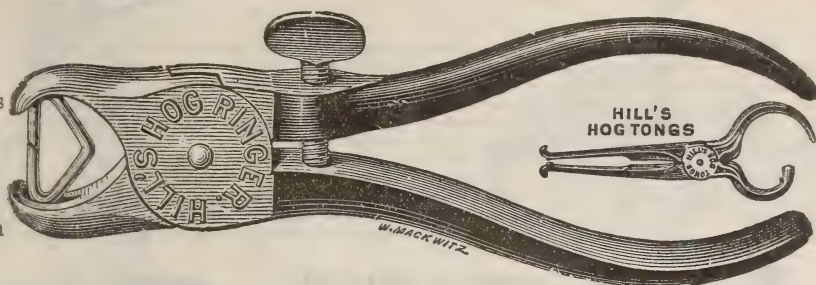
**DANA'S STOCK LABELS****For Cattle, Sheep, Hogs, Etc.**

Cattle Labels, . . . 75c dozen, \$3.50 per 100	
Sheep and Hog Labels, 50c doz., \$2.50 per 100	
Punches for Cattle, \$1.50 each	
" " Calves, 1.25 each	
" " Sheep and Hogs, . . . 1.00 each	

The above mailed you upon receipt of price named.



The
Prices of
Hog Rings
and
Ringing
Tools
Have been
Reduced.

**AMERICAN STEEL CORN CRIB**

Sold in Syracuse only by F. H. Ebeling.

Made entirely of galvanized steel. No wood to decay or burn. Does not hold moisture. Admits of thorough ventilation. Does not shelter vermin. Many times stronger and much more durable than wood, or any combination of wood and wire.

Easy to build and easy to move. Inexpensive, in fact, costs less than wood or other inferior cribbing on the market. Price according to height.

American cribbing is furnished in widths to meet any requirements as to height of wall.

Hand and Power Root Cutter.

Has a capacity of 30 to 100 bu. per hour. One bushel per minute has been cut as a test, many times.

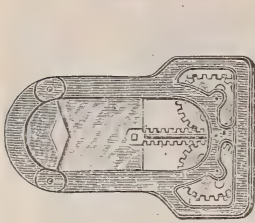
Price, \$7.50 and upward.

CALF MEAL.

Calf Meal is composed entirely of choice selected condiments, oleaginous and leguminous seeds, lentils, flaxseed, locust bean meal, dried milk and flour, all of the best quality, finely ground and carefully combined in such proportions as a long practical and scientific experience (nearly one hundred years) has proved to be correct. It is then slowly cooked in large heaters. The result is a meal of great and unexcelled nutritive value, thoroughly prepared for the stomach of the calf and ready for digestion. Calf Meal contains an abundance of flesh, fat, bone, blood and tissue producing elements in proper proportions, and it is most carefully compounded to correspond as nearly as possible in nutritive value with the chemical constituents actually present in the solid matter of the new milk itself. It has, therefore, always proved a most useful and satisfactory substitute for it.

Calf meal contains all the elements of new milk, and pure dried milk is used in its manufacture. In one hundred pounds of cow's milk there are 12.8 pounds of solid matter, the rest is water; of this 12.8 pounds of solid matter 3.6 pounds are protein (see Prof. Henry's "Feeds and Feeding," page 226), and in 12.8 pounds of Calf Meal there are 3.2 pounds of protein, as per the average analysis of 25 per cent., protein branded on every bag shipped, which is rather under than over the actual amount. Price \$1.00

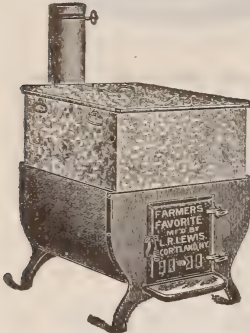
BUY YOUR HARDWARE, CUTLERY, GLASS AND GRANITE WARE OF US

DR. LEAVITT'S DOUBLE POWER DERHORNING CLIPPERS.

No. 2 is 3 ft. long, weighs 12 lbs. \$8.00
 No. 3 Is 3 ft 2 in. long, weighs 15 lbs. Price \$10.00. These are made with V blades or slant blades or bull style.

KOW KURE is a medicine especially designed for the cow and it is the only remedy known that entirely fits her case. It is carefully compounded of twelve drugs which may be divided into four sets; there is one set acting on the womb and other organs of generation; another set acting upon the stomach; another set on the blood, and the fourth on the kidneys and bladder.

WHAT IT DOES—Kow-Kure prevents abortion by aiding nature to give nourishment to the organs of the generation and strength to the muscles of the womb. We know of no other medicine that will do this. It cures barrenness and retained afterbirth in the same way. It improves appetite and aids digestion, thereby increasing the flow of milk. It enriches and vitalizes the blood, curing bunches and inflammation. It cures diseases of the kidneys and bladder. Kow-Kure is in every sense a medicine and in no sense a food. Fed to milk cows it improves their condition and increases milk and cream ten per cent. Cost about one cent per day per cow. Price 50c and \$1.00.



**KERNAN WELCOME
 Cauldron Furnace.
 FOR COAL OR WOOD.**

Furnace and Kettle for Wood	
15 gallon.....	\$10 63
22 ".....	13 13
30 ".....	16 25
45 ".....	18 75
60 ".....	22 50
Furnace and Kettle for Coal.	
15 gallon.....	\$13 13
22 ".....	16 25
30 ".....	20 00
45 ".....	23 13
60 ".....	27 50

**FARMER'S FAVORITE COOKERS.**

Complete as shown in cut,

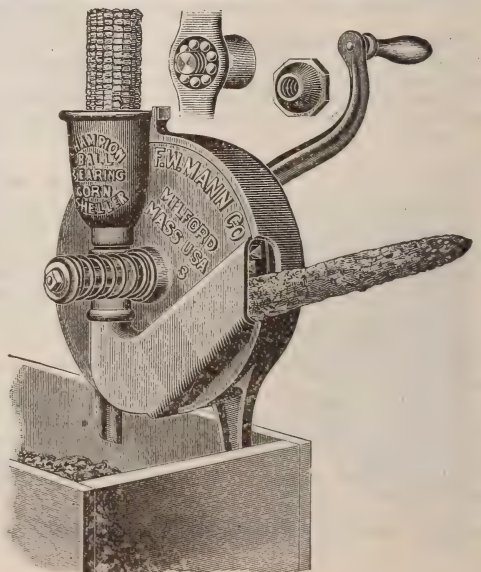
30 gallons...22x24x13	1 2...24 Inches	\$ 8 00
40 ".....22x30x14	30 ".....	9 00
50 ".....22x36x15	36 ".....	10 00
75 ".....22x48x17	48 ".....	12 00

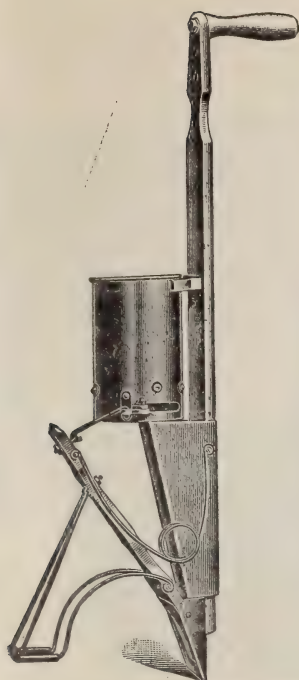
With this cooker you are not obliged to have a special brick foundation to make it safe, thus making it necessary to use it in that particular place only. But it may be used anywhere, in the back kitchen, milk room, shop, wood house, cellar, hog house, poultry house, barn, or out of doors, with perfect safety.

**THE CHAMPION
 BALL-BEARING
 SHELLER**

Has no equal. It is the best and cheapest Sheller on the market.

Price, \$2.50.





THE AMERICAN STANDARD HAND CORN PLANTER.

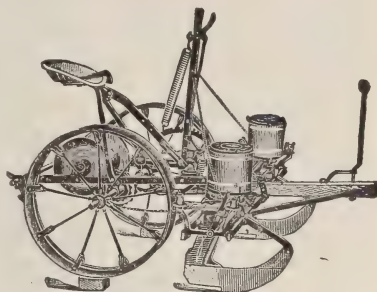
The Universal Favorite. Quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a Horse Planter. \$1.50

WIARD'S AUTOMATIC HAND CORN PLANTER.

Simple, Durable, Economical. None Better.
Price \$1.50.

TWO ROWED CORN PLANTER.

This plants two rows at a time and is the latest addition to the justly celebrated line of Deere Planters. It is so simple that it is next to impossible for it to get 'out of fix', and in the matter of convenience is simply in a class by itself. The drop works on the 'edge selection' principle, taking advantage of the fact that kernels of corn, while varying greatly in size, are comparatively uniform in thickness.



This gives the Planter an extremely accurate drop. The valve mechanism is entirely enclosed within the shank, and is not affected by corn stalks or other trash. The corn is forced out of the heel in perfect check, regardless of the speed of the team, and there is no clogging of the heel. It is always ready for either hilling or drilling, no change of the valves being necessary and no change of plates for distances most used. The foot-drop is

always ready for use and is convenient to the foot. While the front and back frames are extremely rigid, there is a spring connection between the two, allowing the Planter to follow the inequalities of the surface of the ground.

The automatic reel is simple and effective and so situated that it need never be removed from the Planter, although it may be taken off by simply removing one spring cotter. An adjustable seat adds greatly to the comfort of the operator.

Price for Corn Planter, Check Rower and Drill, **\$45.00** With Fertilizer attached, **\$55.00**

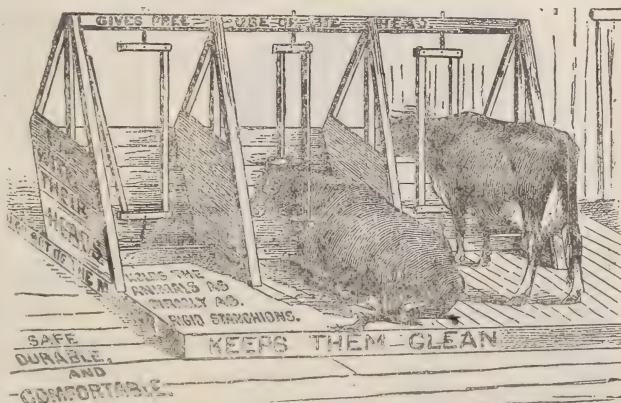
Refer to Skiff Bros., of Salina; Henry Lacy of the Third National Bank, Alderman Frank Matty, Averill & Gregory, Fred Volmer, Cicero, and E. F. Allen Fayetteville, who are using them.

WARRINER PATENT CHAIN HANGING STANCHION.

SIZES—Young Stock, 5 1-2 in.
Cow, 6 1-2, 7, 7 1-2 in.;
Steer, 9, 10, 11 in.;
Bull, 10, 11, 12 in.

Mr. H. A. Moyer of Syracuse, N. Y., one of the most prominent Holstein breeders in this country says: "I have now in use 42 Warriner Stanchions. The last 30 purchased of you were to take the place of 30 of the finest swinging stanchions without chain connections that I have ever seen, yet I would not take them as a gift and use them in place of yours. It gives me great pleasure to watch my fullage Holstein cows get up and lie down in them. When they start to get up the bottom swings forward about four inches, and then the top swings back about the same, making the fastener exactly fit the animal's changing position. No more straining, stumbling around, or falling down. They also swing sideways five or six inches, giving the animal great freedom and comfort. They act exactly like a ball hung in the air by a string with no friction or noise. I truly believe they will save more than their price in feed the first winter they are in use, and I gladly recommend them at every opportunity."

Mr. T. A. Mitchell, Weedsport, N. Y., says: "The Warriner Stanchions are all right. I am very much pleased with them."

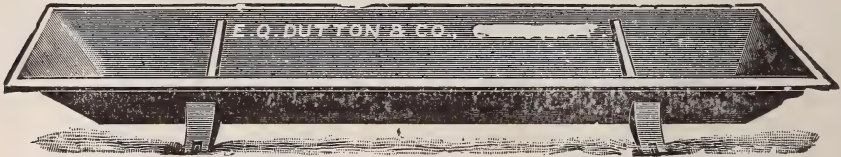


KEMP MANURE SPREADER.**Nothing succeeds like "Success".****THE BEST MANURE SPREADER.**

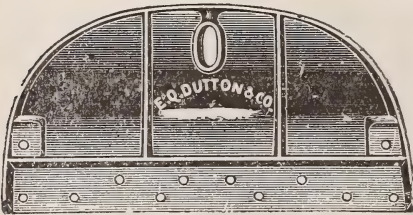
No Manure Spreader gives such satisfaction. Success to the dealer who sells it: success to the farmer who buys it. It will spread all kinds of manure or fertilizer in quantities to suit the requirements of the soil.

It economizes labor**It economizes manure****It increases crops**

	PRICE	
30 bu. capacity		\$105.00
40 " "		110 00
50 " "		115 00

**IRON HOG TROUGHS.**

No more trouble building Hog Troughs. One of these will last a lifetime. Made in four sizes, 3, 4, 5, and 6 feet, 8 inches deep, 12 inches wide. Price 50 cents per foot.

**IRON STONE BOAT HEAD.**

A Simple, Complete and Inexpensive device whereby a Stone Boat can be made in a few minutes by using straight plank. One head will last for years.

Price \$3.00 Each
**COMPRESSED SALT
CAKES AND FRAMES**
For Horses Cattle and Sheep**PATENTED**

Pure Refined Salt, acts as a tonic, invigorates the system, promotes digestion and purifies the blood.

25c Per Cake, 5 Cakes \$1.00

Frames 25 Cents



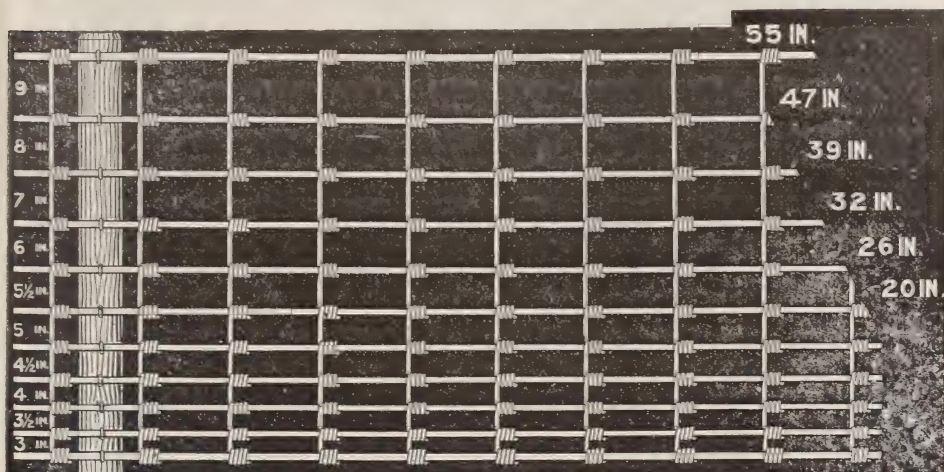
Farmers' Combination Clamp and Drill.
\$2.25 with Diamond Point Drills.

Extra Drills 10c each.
\$3.00 with Syracuse Twist Drills.

Extra Drills 25c each.
The lowest priced first class article of its kind on the market. Can be used as a wood clamp, also a bench vice, or hand drill.

"AMERICAN" FIELD AND HOG FENCING IN ALL SIZES.

Price never so low. You can now fence at a small cost. Have 3 cars in stock of the leading sizes.



Special Horse, Hog and Cattle Fence.

The Lott Fence Stretcher should be owned by every farmer. The only tool for putting up the American Field and Hog Fencing. Price, \$5.00.

CLIMAX STEEL FENCE POST.

	Height Above Base.	Price Each
Line Post, Base 3x5x30 inches.		
1 1/4 x 1 1/2 x 5-32 in. angle upright	50 in.	\$.33
1 1/2 x 1 1/2 x 3-16 in. " "	50 in.	.44
1 1/2 x 1 1/2 x 3-16 in. " "	60 in.	.49

End Posts, Base 4x6x36 inches.		
2x2x 1/4 in. angle upright	52 in.	\$2.25
2x2x 3/8 in. " "	52 in.	2.75
2x2x 3/8 in. " "	60 in.	3.25

Corner Posts, Base 4x6x36 inches.

2x2x 1/4 in. angle upright	52 in.	\$3.00
2x2x 3/8 in. " "	52 in.	3.50
2x2x 3/8 in. " "	60 in.	3.75

	Height Above Base.	Price Each
Gate Hinges, each		\$.25
Gate Latches, each		.25
Acorn Top for 1 1/4 x 1 1/2 x 3-16 in. angle		.10
Acorn Top for 2x2x 1/4 and 3/8 in. angle		.25

All Angle Uprights are made of high carbon Bessemer Steel.

All Bases are made of vitrified clay glazed like sewer pipe.

All Line Posts are punched suitable for any kind of wire fencing.

All End and Corner Posts are not punched. (Wire to be wound around the post--the strain keeps it in place.)

7--TOOLS IN ONE--7

A Crack-a-Jack Seller. Price \$1.00.



WANTED BY 6,000,000 FARMERS.

It takes the Place of Button Pliers.



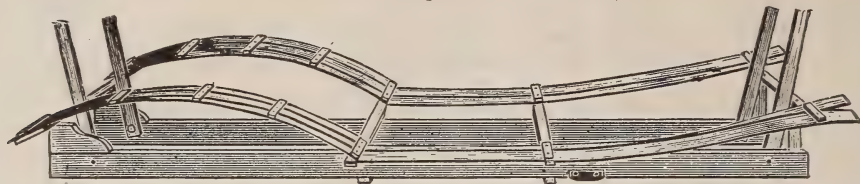
It drives, pulls, makes and saves staples; cuts, splices and straightens wire; is a wrench, a pincer; wire tightener; removes wire trellises; is nail puller, a hammer. Saves bending and cutting wire. Saves time and wages. Saves cutting hands. Saves going to town. Saves losing temper. Saves chasing cows.

The Big Success.

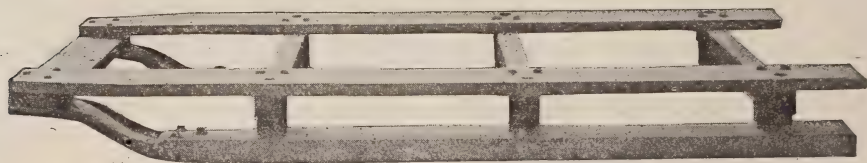
BUY ONE.

MERIDIAN HAY RACK.

We combine in our Hay Racks, simplicity, lightness, strength and durability, too well known to require any recommendation. Manufactured of selected lumber and well bolted.
Price complete \$11.50.



OUR IMPROVED SLIP.



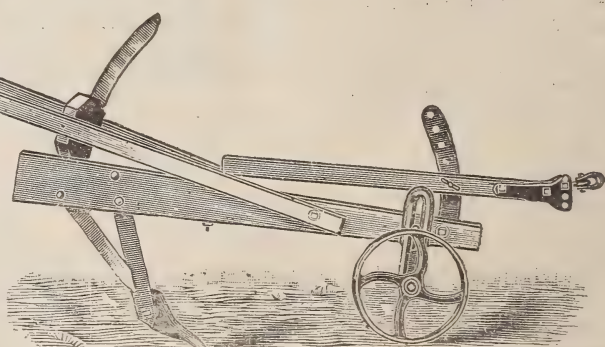
The above cut represents our Improved Slip, which any farmer can make by using our castings, which are shown in the front part of the cut. These castings are all finished and ready for the 3x6 inch maple runners. Since it is impossible to get Slip Runners sawed with the right sweep, any farmer will appreciate the benefit of our castings at a glance.

All complete like above cut, \$7.50.

Set of Shoes for above, \$2.50.

DITCHING PLOW. PRICE \$9.50

We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, "as you see," very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a cost of from 10 to 12 cents per rod.



Hugh Oliver, of Marcellus, N. Y., now using one of these plows, says he would not be deprived of it for fifty dollars. It is just the plow for ditching.

PRICE OF PLOW COMPLETE \$9.50

GARDEN BARROWS,

\$3.00 to \$5.00.

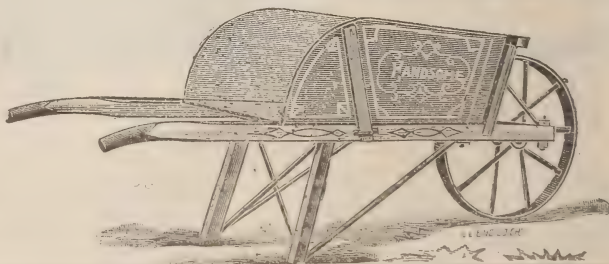
DIRT BARROWS,

\$1.75. \$2.00.

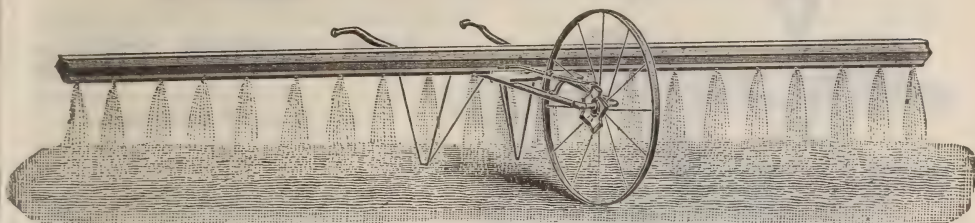
STABLE BARROWS,

STEEL TRAY,

\$2.50 and up.



"WE SELL HARDWARE, GLASS, GRANITE WARE, CUTLERY, ETC."

WHEELBARROW SEEDERS.**WITH WOOD OR IRON FRAME.**

They can be worked by anyone who can run a wheelbarrow,

Price, \$6.00 to \$7.00 each.

THE LITTLE GIANT SEED SOWER.

This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5.00 for a seeder when you can get its equal for less money.

Will sow Wheat, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass Seed, including Light grasses; in fact any kind of Seed broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc.

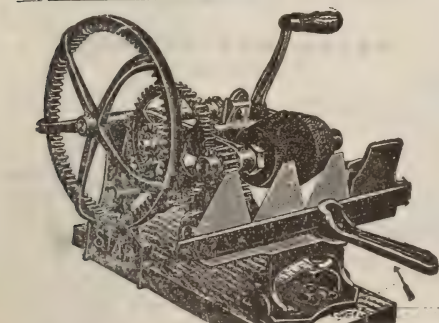
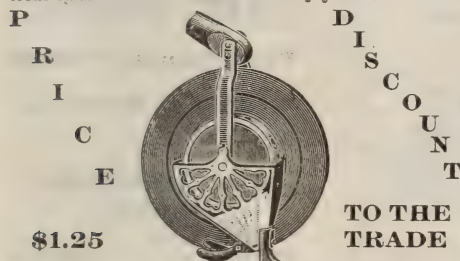
They save one-third seed and two-thirds labor.

CRANK SEEDERS	-	-	-	\$2.00
FIDDLE SEEDERS	-	-	-	\$1.50

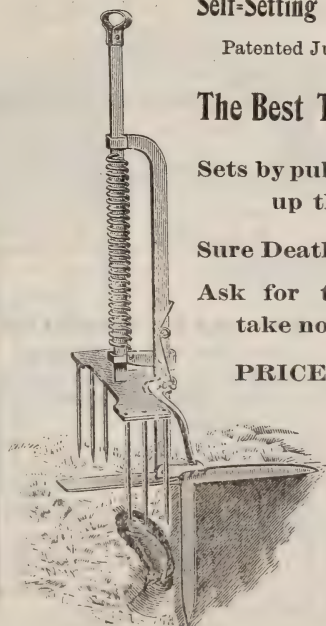
Eureka Kitchen Garden and Hot Bed Seed Drill

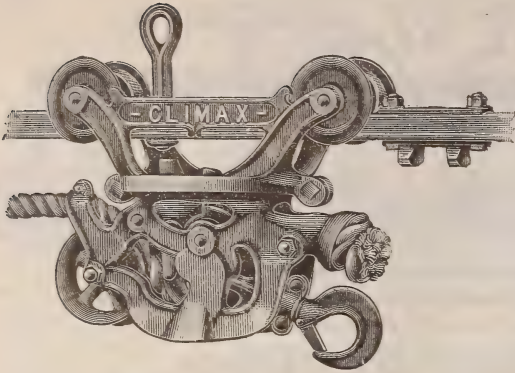
It will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Spinach, Turnips, and all such seeds with the greatest regularity. Force Feed. It is only intended for small Gardens and Hot Houses.

Sows up close to the sides in straight rows. Sows the small packet of seed as well as a larger bulk. This Drill is not a toy, but a strong, practical machine that will last many years.

**STAR SICKLE GRINDER, \$3.50****THE WHERRY****Self-Setting Mole Trap**

Patented June 4, 1895.

The Best Trap Made.Sets by pulling
up the handle.**Sure Death to Moles.**Ask for them and
take no other.**PRICE \$1.25**



CLIMAX OPEN THROAT CARRIER.

With this carrier, it is possible to fill the mow closer to the comb of the roof than with any other carrier on the market. The throat has an exceptionally large opening, and the simple locking mechanism is so arranged that the lifting head or pulley locks directly on the sides or frame of the carrier, not depending on separate dogs or locks to hold the load. It is constructed and operated without the use of springs, and engages projections upon lifting pulley in a line with axis of pulley. This permits the pulley to swing very near the track and enables the carrier to work under conditions where any other carrier would necessarily fail.

GENUINE NEY HAYING TOOLS

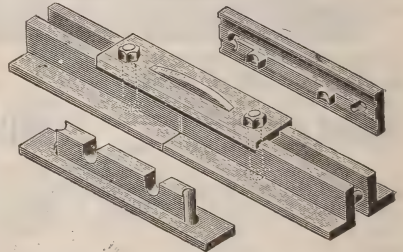
Are Standard Everywhere.

These Haying Tools have stood the test for years and are the Best on the Market.

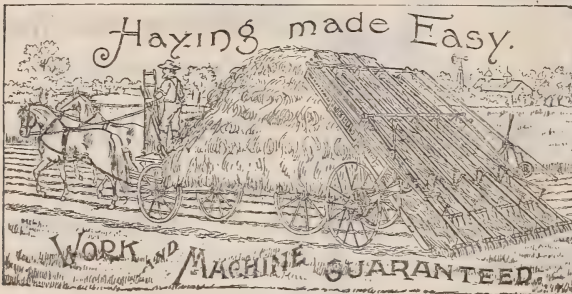
We carry a Complete Line.

NEY'S CELEBRATED IMPROVED DOUBLE ANGLE STEEL TRACK.

Patented.



Ney's Double Angle Steel Track is the heaviest and best Hay Carrier Track made.



HAY LOADER.

Price Complete \$65.00

Best on Earth.

SIDE DELIVERY RAKE,

Price, - - - \$65.00

REVERSIBLE HAY CARRIERS

For either Steel or Wood Track.

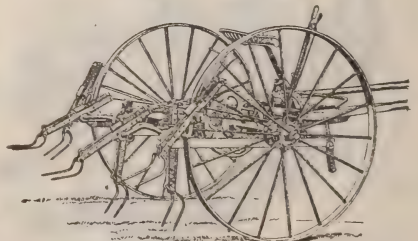
Light and Durable. Runs either way on the track without changing. **Price, \$4.00.**

Ney Hay Car, steel or wood track, . . .	\$4 00
Climax Car, open throat, . . .	4 00
Diamond Car, wood track, . . .	4 00
Double Harpoon Forks, . . .	1 00
Steel Track per foot . . .	10
Pulleys in Wood and Iron, each, . . .	25c to 75c
Rope, best Manila, at lowest prices.	
The Steel Hay Tedder, . . .	35 00
Adriance Steel Rake, . . .	22 00 to 26 00
New Yorker Horse Rake, . . .	20 00 to 24 00

We carry Haying Tools of all kinds.
Also Teeth for all Rakes and Tedders.

STEEL HAY TEDDERS.

Fully Guaranteed.



Price, \$35.00.

ADRIANCE CORN BINDER, - - - CHAIN GEAR

The Best Up-to-Date Binder on the Market.

Read the following list of names of some who bought ADRIANCE CORN BINDERS. Ask them about it. They can tell the facts better than we. When a machine will sell itself, as this has, there is a reason for it. Read the list of names and then go and see them.

It has all the good points of other binders and none of their faults.

Very compact, being only about 5 feet wide, in perfect control of the operator. It handles tangled corn. It discharges bundles clear of the machine, and is everything that a Good Corn Binder should be. **MADE OUTSIDE THE TRUST.** Send for Catalogue Containing Full Particulars. Following is a partial list of purchasers of Corn Binders:



J. C. Mautz, R. F. D. E. Syracuse
W. W. Wright, N. Syracuse
R. S. Temple, E. Syracuse
Frank Matty, Syracuse
Henry Coville, Marcellus
M. J. Whelan, E. Syracuse,
C. L. Erlinbeck, E. Syracuse
Michael Smith, Camillus, R. F. D.
Hiller Bros., E. Syracuse
Henry Pettit, Cedarvale

E. F. Allen, Fayetteville
A. C. Garrett, N. Syracuse
Houghton Bros., Liverpool
S. D. Tilly, Camillus
John Masters, E. Syracuse
N. C. Michaels, Green Point
Willard Sleeth, N. Syracuse
George W. Clark, E. Onondaga
Patrick Dwyre, jr., E. Onondaga
J. E. Davis, Warners

Arthur Jones, E. Syracuse
Charles Hessler, E. Syracuse
Jesse F. Clift, Split Rock
A. J. Melvin, Syracuse, R. F. D.
Skiff Bros., Cicero Plank Road
William Pickard, Court St. Road
I. H. Broadhurst, Syracuse
Charles C. Pike, Syracuse
Irving Van Wie, Syracuse
D. R. Overacre, Syracuse

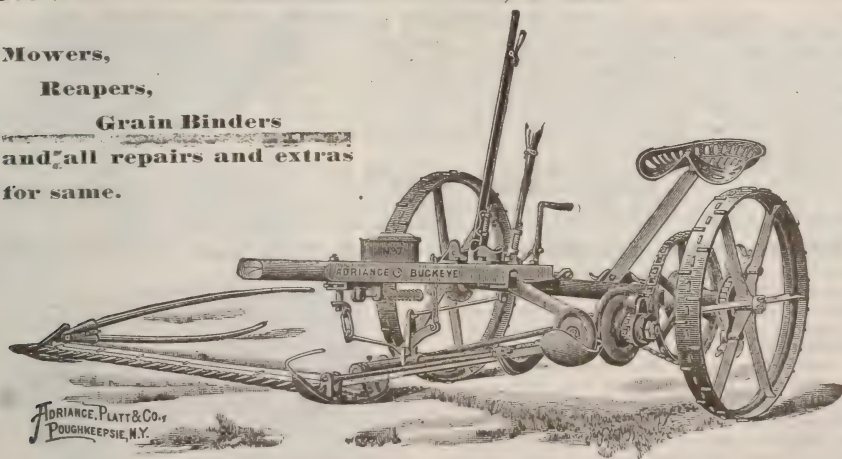
ADRIANCE BUCKEYE MOWERS, REAPERS & BINDERS

Mowers,

Reapers,

Grain Binders

**and all repairs and extras
for same.**



No. 7 Chain Gear Mower.

We have sold hundreds of these machines during the thirty years of our agency in Syracuse. Every machine is absolutely guaranteed by us as well as the manufacturers.

A full line of repairs always in stock.

ADRIANCE, PLATT & CO.,
POUGHKEEPSIE, N.Y.

WE SELL THE GENUINE CYPHERS INCUBATORS.

Free on Board Cars Syracuse, N. Y., at Factory Prices.

Reasons Why You Should Buy a Genuine Patented 1906 Pattern Standard Cyphers Incubator.



1906 PATTERN STANDARD CYPHERS

The best possible test of an incubator is the work it actually does in the hands of the average operator. Tens of thousands of Cyphers Incubators have been sold since they have been placed on the market, and their merit is attested in the following:

First—To require no supplied moisture, under all ordinary conditions, thus solving and disposing of the troublesome "moisture questions."

Second—To be self-ventilating, the air in the egg chamber remaining pure at all times by its own gentle but positive action.

Third—To be self-regulating, being equipped with the most sensitive and durable regulator thus far invented.

Fourth—To be so constructed that the temperature in the egg chamber is more equable than in any other incubator.

Fifth—To be precisely as represented in construction, materials and workmanship, and, if given reasonable care, to last ten years without repairs.

Sixth—To be easy to set up and **positively automatic** (except as to trimming the wick, filling the lamp and turning the eggs), and to operate with less labor and expense than any other make of incubator.

Seventh—To be in all essentials the **simplest and easiest** to operate and control, requiring less attention than any other make or style of incubator in the world.

Eighth—To produce **larger, stronger and healthier** chicks and ducklings than any other style or make of incubator.

Ninth—That when it is run in competition with any incubator of a different make, it shall, in three or more hatches, bring out a **larger average percentage** of the fertile eggs in **good, healthy chicks** and ducklings than does its competitor.

Tenth—That each and every **Standard Cyphers Incubator** we send out will do **satisfactory work** in the hands of the purchaser, provided he will give it a fair trial, or it can be returned to us within 90 days, in good repair, less reasonable wear, and the purchase price will be refunded.

THE STANDARD CYPHERS INCUBATOR, 1906 PATTERN.

Embodies several new and important improvements, which, while they do not in any way affect the working principle of the machine, add greatly to the ease of operation and to its durability.

We are prepared to sell the genuine Cyphers Incubators at the following prices, f.o.b. Syracuse, N. Y.:

No. 0—66-egg	\$13.00
No. 1—140-egg	19.00
No. 2—240-egg	27.00
No. 3—390-egg	34.00

LOW PRICE INCUBATORS.

While we unhesitatingly recommend the Standard Cyphers Incubator as the best on the market, and one that is used by the largest and most experienced poultrymen throughout the country, we realize that there is a demand for lower-priced incubators, and have determined to offer the following two popular priced machines, in order to meet this demand. These machines are made of first-class materials, on the same general principles as the Standard Cyphers, and will be found to work practically and give very satisfactory hatches. They have been very thoroughly tested by practical poultrymen, and we have no hesitation in recommending them to those who want popular-priced machines. Prices as follows:

BOY'S CHOICE, capacity 50 eggs, \$7.50.

FARM ECONOMY, capacity 110 eggs, \$12.00.

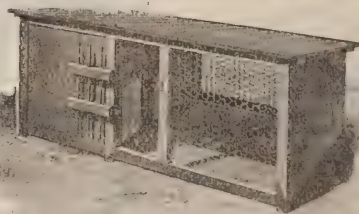
If you are further interested in Cyphers Incubators or other Cyphers manufactures, send ten cents to pay cost of mailing 228-page main incubator and brooder catalogue entitled "Poultry Raising Made Easy and Profitable;" 32-page descriptive circular and price list sent free.

CYPHERS NEW MODEL BROOD COOP FOR HEN WITH CHICKS

This new and improved model coop is intended for a hen with chicks, but may be used also as a home for the chicks long after they are weaned, or for chicks removed from the brooder. The house part (1 ft. 9 in.x2 ft.), has removable floor. The exercise room (2 ft. 6 in.x2 ft.) is closed at the end and screened with fine mesh galvanized iron wire, back and front.

Dimensions—Width, 4 ft. 3 in.; depth, 2 ft.; height in front, 1 ft. 9 in.; height in rear, 1 ft. 3 in. Painted in green, with red trimmings.

Price, complete, \$3.00



"EVERYTHING IN POULTRY SUPPLIES ALWAYS IN STOCK."

CYPHERS UNEQUALLED APARTMENT BROODERS.

Free on Board Cars Syracuse, N. Y., at Factory Prices.

CYPHERS STYLE A, OUTDOOR BROODER.

Briefly, the special merits of our Style A, Outdoor Brooder, are:

First—It is rain-proof and storm proof, having a heavy tin covered roof over both the hover chamber and the feeding apartment, or exercise room.

Second—It is fire-proof, being equipped with a Cyphers Insulated Brooder Stove, the entire lower floor of the hover chamber being protected underneath by a solid sheet of galvanized iron, with an air space between it and the wooden floor.

Third—The fumes from the brooder stove cannot pass into either of the chick apartments, but are carried out at the side of the brooder by an infallible device.

Fourth—The surplus brooder stove heat preserves all of the lower woodwork of the brooder by warming and drying the soil underneath the brooder, thus making the brooder not only safer and more comfortable for the chicks, but also more lasting.

Fifth—The brooder stove is easy of access, being above ground. The Cyphers Insulated Brooder Stove combines a heater proper with a chimneyless burner, and insulating plate (which is also the stove slide), and a galvanized plate which forms the stove door. The wick rod extends to the outside of the stove door and the height of the flame may be adjusted without opening the door. By use of the reflector attached to outside of stove door the height of the flame may be observed by operator from an upright position. This stove avoids the necessity of a water-pail. The oil bowl (which is seamless) remains cool at all times, being protected from the radiated heat of the flame and burner by the insulating plate.

Sixth—This brooder need not be placed in a pit, nor need the ground be excavated for the brooder stove; hence a saving in labor and in the trouble thereafter of caring for the stove.

Seventh—When the temperature underneath the chick hover is at 90 degrees, we have a surrounding atmosphere of 80 to 85 degrees, while in the front apartment the temperature will average several degrees lower. The chicks, therefore, may suit themselves, going to and from the heat at will.

Eighth—The cylindrical chick guard prevents crowding of the chicks, and also prevents their coming in contact with the heat dome or drum to their injury.

Ninth—In this brooder there are no stairs to climb, hence no danger of little chicks getting lost and becoming chilled while learning the way in and out.

Price of Style A Brooder (with thermometer and stove) . . . \$12.00

Additional Style A Insulated Brooder Stoves, price each, . . . 1.50

STORM KING BROODER.

Recognizing the widespread demand for a thoroughly well-made, practical brooder that can be sold at a lower price than our Standard Style A Brooder, we have devised and perfected the Storm King Brooder. This is a combined brooder and colony coop, manufactured in two sizes. The No. 1 has a floor space of 28x34 inches and is 50 chick capacity; the No. 2 has a floor space of 34x34 inches and is 75 chick capacity. Aside from size, these brooders are exactly the same in construction. The heating principle employed in the Storm King is the same as in the Style A Brooder, but adapted to meet the special requirements of this style of brooder. The entire floor space of this brooder, together with the lamp slide and other working parts, may be removed and roosts inserted, thus making a well-lighted, well-ventilated colony roosting coop.

PRICES COMPLETE (with thermometer and lamp)

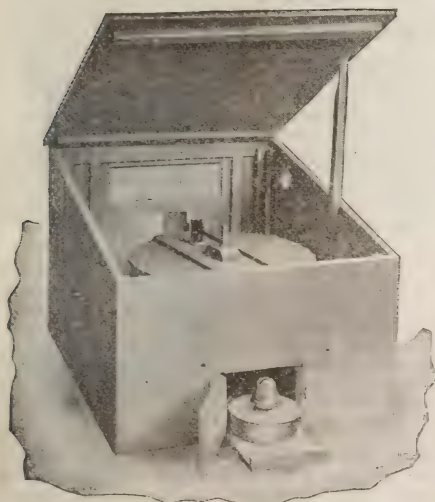
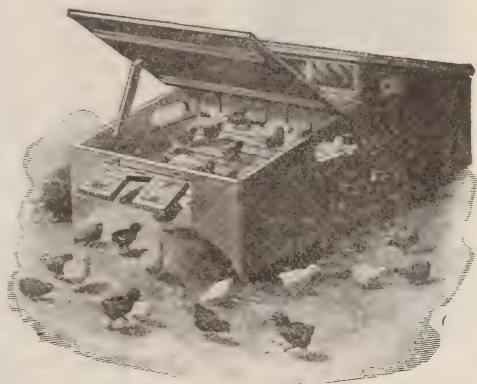
No. 1—28x34 . . . \$6.50

No. 2—34x34 . . . 8.00

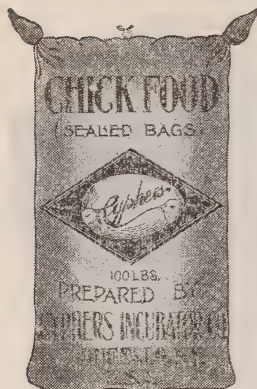
CYPHERS HYGIENIC BROODER

We offer this brooder with the opinion that it is the best device in the form of an individual indoor brooder thus far conceived and invented for the safe and healthful rearing of chicks. It is composed of three compartments, allowing the chicks to seek whatever temperature suits them best. The im-

proved heating system is similar to that employed in the Storm King Brooders; the very best for the purpose. Price complete (with thermometer and lamp) \$7.50.



CYPHERS CHICK FOOD.



This is a complete, scientifically compounded food, containing a mixture of many different seeds and granulated grains, properly proportioned to meet all the requirements of little chicks, from the shell to weaning age. No other food will produce as strong, sturdy chicks, or as rapid, healthy growth. Cyphers chick food is a granular food, intended to be fed in the litter. Full directions for feeding are on every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, per 50 lb. bag, \$1.50; 100 lb. bag, \$2.50.

CYPHERS DEVELOPING FOOD.

Cyphers Developing food is a special food intended for properly maturing young chicks after they are ready to be weaned from chick food, and to carry them along to the age when it is desirable to place before them the larger whole grain. When the chicks are from six to eight weeks old they are able to eat and exhibit a preference for larger particles of grain than are found in our Chick Food. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, 50 lb. bag, \$1.15; 100 lb. bag, \$2.00.

CYPHERS FORCING FOOD.

This is an ideal ground grain mash food mixture, especially designed to promote rapid growth. It contains, in addition to ground grains, a sufficient amount of meat food and meal clover, making it ready for immediate use by simply mixing with the amount of water required to make a crumbly mash. It will produce well developed, plump, attractive broilers or roasters in the shortest possible time. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, 50 lb. bag, \$1.15; 100 lb. bag, \$2.00.

CYPHERS SCRATCHING FOOD.

This is the best dry grain mixture for feeding half-grown chicks or laying stock. It is made of seeds with whole and cut grains, proportioned to give the best results. Fed in the litter, it is the best exercise food ever offered for use of poultry. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturers' trade-mark and guaranteed analysis. Price, 50 lbs. \$1.15; 100 lbs. \$2.00.

CYPHERS LAYING FOOD.

This is a palatable and highly nutritious balanced ration, ready mixed for making the daily mash. It is a complete ration and contains, in addition to ground grains, the necessary meat and green food. This food is ready for use by simply mixing with sufficient water to make a crumbly mash. There is no need to worry about the proportions of the different ingredients since Cyphers Laying Food is scientifically balanced, according to a well tried formula. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, 50 lb. bag, \$1.15; 100 lb. bag, \$2.00.

CYPHERS SHORT-CUT ALFALFA.

As an accompaniment to the mash fed by some, and the dry food fed by others, a vegetable food is indispensable; in fact no mash is complete without it. Among green foods the Alfalfa stands at the top. Our Short-Cut Alfalfa is the result of the first process of milling. All the stalks, leaves and blossoms are reduced to edible lengths, and are retained in the first product. All long stems, weeds, etc., are entirely eliminated, which is possible only by our special methods. When used with the mash, Short-Cut Alfalfa is mixed dry with the other foods and scalded or boiled with them. When fed in connection with dry grains, it should be scalded in a trough or a vessel and left for the fowls to eat at will.

Price, 50 lb. bag, \$1.00; 100 lb. bag, \$2.00.

MEALD ALFALFA.

Mealed Alfalfa is a boon to poultrymen when properly ground. We say this advisedly, because there are a number of articles placed upon the market as ground alfalfa, etc., which are not properly ground. Why? Because it takes special machinery to properly grind alfalfa. Our Mealed Alfalfa is properly ground. It is the shredded alfalfa reduced to meal by the third process.

Price, 50 lb. bag, \$1.00; 100 lb. bag, \$2.00.



Red Rope Roofing	250 square feet to the roll, \$2.50 per roll; including nails and caps. Guaranteed water and wind proof.
Tarred Roofing	2-ply, 108 square feet per roll.....\$.90 per roll
	3-ply, 108 square feet per roll.....1.00 per roll

A FEW OF OUR SPECIALTIES.

Cyphers Thermometers—To be successful the operator should have an accurate thermometer. We keep on hand a full supply of Cyphers Incubator and Brooder Thermometers. Prices—Cyphers Incubator Thermometers, each, 50c; postpaid, 60c. Cyphers Style A or Storm King Brooder Thermometers, each, 45c; postpaid, 50c. Cyphers Hygienic Brooder Thermometers, mounted on wooden holder, each, 50c; postpaid, 55c. Cyphers Hygienic Brooder Thermometers, unmounted, each, 40c; postpaid, 45c.

Cyphers X-Ray Egg Tester—This is designed for use on an ordinary hand lamp. In a dark room the light will be found strong enough to penetrate the shell and illuminate the interior of the egg. Price, 25c each; postpaid, 35c.

Cyphers Practical Egg Tester—This is the standard tester in use on large duck and broiler farms. Size, 18 inches high, 10 inches wide and 10 inches deep. Price, complete (including box, lamp and reflector), \$1.00 each.

Cyphers Safety Brooder Stoves—Thousands of these stoves have been sold to persons who build home-made brooders and they give general satisfaction. They furnish twice the heat of an ordinary brooder lamp. Price, each, \$1.25.

Cyphers Colony House for Growing Chickens—These coops will house comfortably 50 chicks eight to twelve weeks old. Each coop has a well made, dry floor, and a hinge hood that keeps out rain and snow. Price, each, \$7.00.

Cyphers Full Nest Egg Food—Everybody wants eggs when prices are high. They can get them by using Full Nest Egg Food. Besides being an unexcelled egg producer, it is a concentrated meat food, possessing tonic properties which promote good health and fine condition. Prices, 42-oz. package, 25c; 25 lb. pail \$2.00.

Cyphers Complete Grit—We supply three sizes: No. 1 for brooder chicks, No. 2 for half-grown chicks and No. 3 for hens, turkeys, ducks and geese. Prices, 50 lb. bag, 45c; 100 lb. bag, 70c.

Cyphers Dry Food Hopper—A practical labor and food saving device for feeding dry grain food, either whole or ground. Galvanized iron. Price, each, 75c.

Cyphers Grit and Shell Box—Has three compartments for grit, oyster shell and charcoal. Heavy galvanized iron. Price, each, 50c.

Cyphers Wall Fountain—A galvanized iron hood projects over the water trough and prevents the water from becoming soiled. Equally serviceable for chicks or adult fowls. Prices, 1 gal. size, 50c; 2 gal. size, 75c.

Cyphers Galvanized Iron Drinking Fountains—Easy to clean, and so formed that in freezing weather the pressure of the ice inside will not split the seams. Prices, 1 qt. size, 20c; 2 qt. size, 25c; 3 1-2 qt. size, 35c; 2 gals. 50c.

Cyphers Poultry Medicine Case—This consists of ten remedies put up in a neat, strong, cloth covered case. Each bottle is labelled, showing dosage and the disease which its contents will cure or prevent. Price of complete set, \$3.00. Single vials, 40c.

Cyphers Lice Paint—A safe and sure liquid for killing all insects affecting poultry or stock. It does the work and it does it economically. Prices, 1 qt. cans, each, 35c; 2 qt. cans, each, 60c; 1 gal. cans, each, \$1.00; 5 gal. wood jackets, \$4.00.

Cyphers Napcreol—A concentrated preventive of disease. Guaranteed to do the work. One gallon of Napcreol will make one hundred gallons of disinfectant. Its use prevents disease. Full directions on every can. Prices, 1-2 gal. cans, 85c; 1 gal. cans, \$1.50.

M. M. S. Poultry Fencing

Has more good qualities than all others combined—cabled selvage and a cable every foot in height of fence. Requires fewer posts and No Top or Bottom Rail.

**Pleasing—Serviceable—Practical
Economical—Satisfactory.**

Saves 50 per cent in cost of completed fence.

We also manufacture a full line of

HOG, SHEEP AND FIELD FENCING.

Our Steel Web Picket Fence, for door yard, Lawns, Parks, Cemeteries, Etc., has no equal for beauty, service and economy.

Catalogue Free.



Pat. July 21, 1896.

[Trade Mark.]

Pat. July 6, 1897.

It is made of the best No. 16 Galvanized Steel Wire, smoothly and evenly woven, and retains its full height before as well as after stretching. Beginning at the bottom, the spacing between the horizontal wires for the first foot is 13-4 in.

2 1-8 in., and 3 1-8 in. above. The body wires run horizontally and are parallel to each other, therefore in stretching up the fence, as the tension is on the straight line the fencing CANNOT possibly CONTRACT or BUCKLE between the posts. This feature alone, which is of great value, does away with the necessity of using a top or bottom rail, and fully three-fourths of the number of posts required in the old-fashioned poultry netting. In order to give the fence additional strength, a cable composed of two wires twisted together, running lengthwise, is placed every foot in the height of the fence. Each bale 10 rods (165 feet) long. In comparing prices with ordinary poultry netting, remember these bales are 15 feet longer. Price list below. Five per cent. discount on 5 bales or more.

No. 19 Galvanized Wire.				No. 16 Galvanized Wire.			
In. high.	Per bale.	In. high.	Per bale.	In. high.	Per bale.	In. high.	Per bale.
12	\$1.30	48	3.25	12	\$2.00	48	6.20
18	1.60	60	3.85	18	3.00	60	7.60
24	2.00	72	4.35	24	3.80	72	8.60
30	2.35	84	4.95	30	4.40	84	9.20
36	2.65			36	5.00		

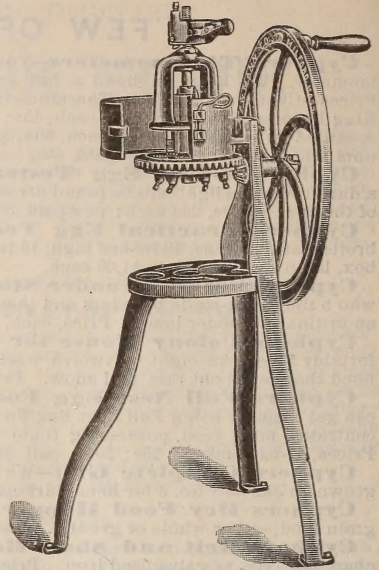
MANN'S CELEBRATED GREEN BONE CUTTERS.

We offer the best Bone Mill on the Market. Fully warranted against breakage for two years. The only machine that will cut green bone fine enough for Bantams and little chickens.

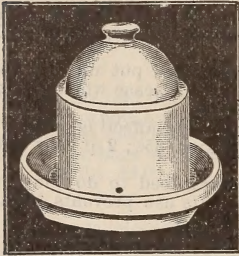
PRICE LIST.

No. 5 C	With Crank Handle.....	\$ 6.00
No. 5 B	" Balance Wheel.....	8.00
No. 5 B M	" " " and iron stand	10.40
No. 7	" " " " " " " " " " " "	12.00
No. 7½	Semi-Power Machine.....	14.00
No. 9	With Bal Wheel and iron stand	18.40
No. 11	Power Machine.....	26.00
No. 12	" " " " " " " " " " " "	30.00
No. 15	" " " " " " " " " " " "	60.00
No. 14	" " " " " " " " " " " "	76.00
No. 16	" " " " " " " " " " " "	225.00
Clover Cutter B	With Balance Wheel.....	8 00
Clover Cutter B M	" " " " on iron stand	10.00
Mortar.....		3.00
Parts to Change No. 9 to No. 11.....		7.60

ASK FOR FREE CATALOGUE.



DRINKING FOUNTAINS.



E. H. M. POULTRY FOUNTAINS

1 quart	20c
½ gallon.....	25c
1 "	40c



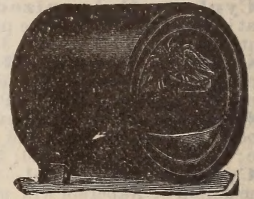
EUREKA NON-FREEZING.

Eureka Non-Breaking, Galvanized Iron, in two sections.

Easily cleaned.

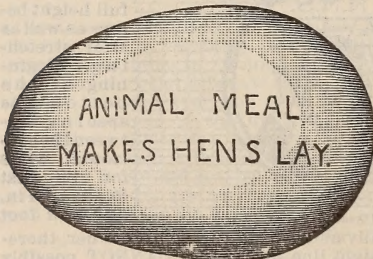
Will last a life time.

Price, 50c.



W. R. POULTRY FOUNTAINS.

½ gallon.....	25c
1 "	35c
2 "	50c



\$2.50 per 100 pounds.

GRANITE CRYSTAL GRIT MAGNIFIED. Crystal Formation.



BEFORE.



AFTER.

Being Acted Upon by the Gizzard.

Crystal Formation. Sharp, clean, hard. Free from dust. Lasts longer. More economical than any other grit. Best known.

ADJUSTABLE ALUMINUM LEG BANDS.

Fit all Poultry, Pigeons, etc.

NEAT. LIGHT. DURABLE.
WARRANTED TO STAY ON.

15c per doz.; \$1.00 per 100

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